



Testimony: SB345: Pesticides – PFAS Chemicals – Prohibition

Submitted to: The Senate Committee on Education, Energy & Environment

Submitted by: Bonnie Raindrop, Program Director, Smart on Pesticides Coalition and
Ruth Berlin, Executive Director, Maryland Pesticide Education Network

Position: In Support

February 18, 2025

Dear Chair Feldman, Vice Chair Kagan and Members of the Committee,

The Smart on Pesticides Coalition (SOPC) comprised [of 112 organizations and businesses](#), and facilitated by the Maryland Pesticide Education Network, whose mission is to protect all life from toxic pesticides and promote healthy alternatives, both support passage of SB345 phasing out PFAS-pesticides used in Maryland

- SB345 provides a critical action to reduce PFAS pollution from pesticides in Maryland (Md). No need to test any of these pesticides – their actual active ingredient is a PFAS, as identified by National Institutes of Health PubChem and EPA, [see attached chart](#). These currently 66 PFAS pesticide active ingredients contained in approximately 1,000 Maryland-registered pesticides are confirmed to be PFAS by EPA's CompTox Chemical Dashboard, [see screenshots](#), a database that is part of EPA's PFAS Analytic Tools.
- Of the 14,000 Md registered pesticides – less than 8% are currently known to us to be PFAS. There are many Md registered alternatives, sometimes hundreds, for the products that have a PFAS as an active ingredient. These known PFAS pesticides can be swapped out for another product that is not a known “forever chemical” that targets the same pests.
- The George Walter Taylor Act Action Plan, released by Maryland Dept. of the Environment (MDE) in December 2023 clearly states that **“MDA will consider a pesticide product adulterated if PFAS is found in the formulation itself.” This provides the directive for pesticides with a PFAS active ingredient to have their registrations revoked.**
- Like The George Walter Taylor Act law, **SB345 defines PFAS in alignment with EPA's definition identifying over 14,000 PFAS chemicals, in EPA's CompTox Chemicals Dashboard, and used by 22 states, Congress, and the U.S. Military.** States that use the same definition as Maryland's, of “one fully fluorinated carbon atom” are: Arkansas, Arizona, California, Colorado, Connecticut, Georgia, Kentucky, Hawaii, Illinois, Indiana, Louisiana, Maryland, Maine, Minnesota, New Hampshire, Nevada, New York, Ohio, Oregon, Rhode Island, Vermont, and Washington. **SB345 PFAS definition aligns** with the definition created by a group of **international scientists that included U.S. EPA via the Organization for Economic Cooperation & Development (OECD), comprised of 37 member nations including the United States,** and adopted by the European Union in their pending regulation of PFAS

Consider this:

“If the intent was to spread PFAS contamination across the globe there would be few more effective methods than lacing pesticides with PFAS,” [PEER Science Policy Director Kyla Bennett](#), and former EPA attorney

- **A recent first in the state PFAS in human blood study conducted by the Johns Hopkins School of Public Health and the Maryland Pesticide Education Network** and conducted with the world-renowned Eurofins Laboratory found concerning levels of PFAS in all participants from around the state.
- Both authors of this testimony were also tested by the Eurofins lab, independently of the study and the results for both of us were in the “concerning range” that the National Academy of Sciences Engineering & Medicine considers the range for “potential adverse effects- especially for sensitive populations”. One of us is in ongoing treatment for ovarian cancer, thyroid disease and we both have high cholesterol—all linked to PFAS exposure—and both have multiple health issues that put us in the “sensitive populations” category.
- **At a recent 2025 HGO briefing on PFAS MDA and MDH shared several conclusions from their 2023 study group established by law in 2022 which need to be updated and/or clarified:**
 - **MDA statement: “MDA test over 700 pesticides for PFAS and found no PFAS.”** These testing results are not relevant to SB345 and the PFAS pesticides it phases out because these 66 cannot be detected this way.
 - ❖ **There are no current testing methods for these PFAS-pesticides where the active ingredient is a PFAS. MDA could only test for a very limited number of PFAS from container contamination and possibly PFAS inert ingredients added to the product.**
 - ❖ Current PFAS testing methods only test for 25-70 PFAS compounds of the nearly 15,000 PFAS compounds.
 - ❖ **A strength of SB345 is that no testing is needed.** These 66 pesticide active ingredients are known PFAS listed on product labels – this fact is not in dispute. As per bullet 1, [see attached chart](#) and [see screenshots](#).
 - **MDH told the study group they couldn't find any studies showing adverse health impacts from PFAS-pesticides.**
 - ❖ Dr. Ichniowski's 2025 written bill testimony, on behalf of American Academy of Pediatrics–MD Chapter, **cites numerous** animal studies and *in vitro* human cell **studies that have identified adverse health effects from PFAS pesticides currently approved for use in Maryland. Please see his testimony for a partial list that includes long term health impacts of PFAS-pesticides, including two significantly used in Maryland – Bifenthrin and Fipronil.** Both are heavily marketed to healthcare for indoor/outdoor use and Bifenthrin is also used for mosquito control. They are *linked to* teratogenicity (harm to fetal growth, anatomy, and development), immunotoxicity, endocrine disruption, carcinogenicity, neurotoxicity, and thyroid toxicity. *Dr. Ichniowski's citations include:*
 - [PFAS Pesticides: A Growing Source of PFAS Contamination in the Environment](#) (Environmental Health Perspectives)
 - [Revisiting pesticide pollution: The case of fluorinated pesticides](#)
 - Bifenthrin (a PFAS pesticide, the active ingredient on the label is a PFAS) [PubChem Hazardous Substance Data Bank \(HSDB\) - Bifenthrin](#)
 - Fipronil (A PHAS pesticide, active ingredient listed on label) [PubChem Hazardous Substance Data Bank \(HSDB\) Fipronil](#)
- Prior to the current federal administration, **EPA's lifetime safe level for the most notorious PFAS, PFOS, in drinking water was 4 parts per trillion (ppt)** and federal government regulators were close to establishing a discharge limit for PFAS manufacturers. In January 2025, President Trump issued a sweeping executive order withdrawing these proposed regulations. (<https://www.cbsnews.com/newyork/news/trump-drinking-water-regulations-forever-chemicals-pfas/>).
- **Given the current Trump administration intentions to weaken and limit the work of the US EPA**, it behooves states, including Maryland, to address critical environmental health issues including PFAS-pesticides. We cannot rely on EPA to continue doing its job for the foreseeable future. PFAS pesticides are absorbed and run off from lawns, crops, and farmland where they are applied, contaminating the soil, streams, rivers, wells, and the Bay. Millions of Marylanders' drinking water comes from surface **waters and wells that are consequently PFAS contaminated.**
- **Maryland's \$600 million dollar seafood industry is also at risk from PFAS** – MDE has issued fish consumption warnings for 15 fish species in the Bay watershed. Eating just one Maryland rockfish could be equivalent to drinking PFAS-tainted water for a month. Keep in mind, these numbers are for a single exposure; we may be eating tainted food every day and it accumulates in our bodies.

- Skin exposure for short chain PFAS pesticides makes them more dangerous for farmers, farm workers and those handling sprayed produce. A [recent study](#) found short chain PFAS more readily absorbed through skin than longer chain PFAS, with higher absorption percentages into the bloodstream than longer chained compounds.
- **PFAS are considered “forever chemicals” because they remain in our bodies for years and decades.** Given our ongoing cumulative exposures to PFAS, it accumulates in our bodies throughout our lifetime.
- **Pesticides do not require PFAS to be effective. There are dozens if not hundreds of alternative pesticides registered in the state for all pests, as noted in entomologist Dr. Todd’s submitted testimony.**

Four years ago, Md legislators wisely took a crucial first step by banning PFAS in firefighting foam, food packaging, carpets, and rugs. **The time is now for addressing the solutions by turning off the tap from PFAS-pesticides.**

Similar to other toxic chemicals that cause dangerous health impacts such as lead, asbestos, and the pesticide DDT, the first step is identifying the problem. As with these overwhelming issues we have conquered, once identified, the solutions were evasive, and the threat seemed insurmountable. This is where we are with PFAS. The issue and even the solutions have been scientifically clarified, now is the time to act to protect Maryland.

We have reduced lead levels in Maryland, thanks to needed state laws and policies. Problems that once seemed insurmountable are now, due to wise leaders acting, increasingly becoming success stories. Decades of hard work curbing these harmful chemicals has led to improvements in our environment and hope for better public health. Like all public health reforms once accomplished, **we need to tackle known PFAS in pesticides with a similar strategy.**

Why more PFAS use guardrails are needed

PFAS exposure through pesticides presents a broader risk to Marylanders and our environment than common household items because pesticides are so pervasive. Maryland’s 14,000 pesticides may be used everywhere.

- Everyone is exposed to pesticides where we work and play – in public spaces, healthcare facilities, schools, and our neighborhoods.
- Bifenthrin and Fipronil are two PFAS pesticides targeted by this bill and are heavily marketed to healthcare facilities and schools as indoor/outdoor solutions. Bifenthrin is a popular mosquito control product used by companies that contract with homeowners for scheduled spraying of yards in spring, summer, and fall.
- PFAS pesticides pollute drinking water. These chemicals have made their way into our drinking [water, the rivers we draw surface drinking water from—Potomac, Patuxent, and Susquehanna in drought](#), wells, the soil, [our food](#), and consequently, our bodies. **PFAS-pesticides cannot be extracted from water facilities with current technologies.**
- PFAS in pesticides is a farmer and overburdened communities’ health issue. Farmers, farmworkers and families in agricultural areas bear greater exposures from PFAS-pesticides applied in farming, and greater risk from handling PFAS-pesticides and crops that have been sprayed.
- Those living in poverty are more likely to fish to supplement protein, yet USGS has reported Md fish are testing with PFAS at levels as high as 500,000 parts per trillion.
- People of color are more likely to be harmed; pesticide use against rodent and cockroaches is often higher in lower-income housing due to age of buildings, poor maintenance and often crowded living conditions.
- While there is research underway to extract PFAS from water, there is still no way to safely dispose of the extracted *forever chemical*

Human health impacts

- **PFAS are linked to [serious health impacts even at low levels of exposure](#).** There is strong evidence linking PFAS to kidney, testicular, prostate, ovarian, and breast cancer, birth defects and developmental damage in infants, childhood obesity, thyroid disease, high cholesterol, non-alcoholic fatty liver disease, and impaired immune function. According to Dr. Birnbaum and as noted in her testimony, **PFAS “causes” (beyond just linkage) certain cancers**, including one of the two authors of this testimony continues to battle ovarian cancer with confirmation of notable PFAS levels in her blood.

- **Exposure to PFAS** has been associated with increased [COVID-19 susceptibility](#) and with an [increased risk of more severe outcomes from the disease](#)

Other species health impacts

- Science has shown **PFAS causes harm to fish and wildlife, including pollinating bees and birds.**
- Maryland has found alarming levels of [PFAS in Bay waters, tributaries](#), and fish. These were so high that the MDE [issued a warning](#) against eating three fish species caught in Piscataway Creek in Prince Georges County and issued 14 PFAS fish advisories.
- [New research](#) shows dangerous levels of toxic PFAS in freshwater fish. “You’d have to drink an incredible amount of water — we estimate a month of contaminated water — to get the same exposure as you would from a single serving of freshwater fish,” – *study co-author David Andrews*

The solution

SB345 is a simple next step to reduce accumulating harm to our bodies, crops, lawns, and the environment by eliminating the unnecessary PFAS pollution from ubiquitous use of pesticides that contain PFAS as their active ingredient. EPA has identified these pesticide active ingredients as PFAS. MDE’s PFAS action plan states “MDA will consider a pesticide product adulterated if PFAS is found in the formulation itself.” And there are plenty of alternatives in the more than 13,000 other pesticides that Maryland registers, so H386 will not be a hardship for farmers and professional pesticide applicators to switch to another solution. It’s time to turn off this PFAS tap. **SB345 addresses the need to stop the use of pesticide-containing PFAS chemicals in our communities and is a critical step for states to fill the void now so blatantly left by federal regulators.**

We urge a positive report on SB345.

Bonnie Raindrop, Program Director, Smart on Pesticides Coalition, www.SmartOnPesticides.org; raindrop@mdpestnet.org
Ruth Berlin, Executive Director, Maryland Pesticide Education Network, www.MdPestNet.org; mpnberlin@gmail.com
Maryland Pesticide Education Network – Baltimore office: 2913 Overland Avenue, Baltimore, MD 21214

Addenda:

- 1- SOPC membership list of 112 organizations and businesses in support of SB345
- 2- Fact sheet/infographic
- 3- PFAS definition, 66 PFAS pesticides fact sheet
- 4- The 66 known PFAS pesticides active ingredients, as identified by EPA in its CompTox, part of EPA’s PFAS Toolkit
- 5- Scientist Statement on Defining PFAS – 163 scientists with expertise in PFAS signed on
- 6- List of 1,065 PFAS pesticide products registered in Maryland

The Smart on Pesticides Maryland Campaign is a coalition of 112 concerned Maryland citizens, organizations, groups, and businesses working for better protections and data to keep our families, our waterways, and our wildlife safe from toxic pesticides.



Smart on Pesticides Coalition members of 112 orgs and businesses

A.I.R. Lawn care & Landscaping Services	Earth Coalition	Maryland Organic Food and Farming Association
Alliance of Nurses for a Healthy Environment	Earthjustice	Maryland Ornithological Society
American Academy of Pediatrics – Md. Chapter	Eastern Shore Food Hub	Maryland Pesticide Education Network
American Bird Conservancy	Environmental Working Group (EWG)	Maryland Public Interest Research Group
American Public Health Association – Md. Chapter	Environment Maryland	Maryland United for Peace and Justice
Anacostia Watershed Society	Fair Farms	Maryland Votes for Animals
Anne Arundel Beekeepers Association	F&D Apiaries	McDaniel Honey Farm
Arundel Rivers Foundation	Farmworker Justice	Migrant Clinicians Network
Assateague Coastal Trust	Food and Water Watch	Moms Clean Air Force
Audubon Maryland – DC	Fox Haven Farm and Learning Center	MOM's Organic Market
Audubon Naturalist Society	Frederick County Beekeepers Association	Montgomery Countryside Alliance
Baltimore Backyard Beekeepers Network	Friends of Briers Mill Run	National Aquarium
Baltimore Bird Club	Friends of Lower Beaverdam Creek	Natural Resources Defense Council
Bee Friendly Apiary	Friends of Quincy Run	Organic Consumers Association
Beyond Pesticides	Friends of the Earth	Pearlstone Conference. Center
Big City Farms	Greenbelt Forest Preserve	Perfect Earth Project
Bowie-Upper Marlboro Beekeepers Association	Butterfly Brigade	Pesticide Action Network – North America
CATA, Farmworkers Support Committee	Heathcote – School of Living	Potomac Riverkeeper
Carroll County Beekeepers Association	Healthy Campaigns	Queen Anne's Conservation Association
Cecil Bird Club	Hampden Community Council	Rachel Carson Council
Center for Biological Diversity	Hereford Bed & Biscuit	Really Raw Honey Co.
Center for Food Safety	Honey Flower Foods	Red Top Farm
Central Maryland Beekeepers Association	Howard County Beekeepers Association	Rodale Institute
Central Maryland Ecumenical Council/Ecumenical Leaders Group	Howard County Bird Club	Rosedale Farm
Centro de los Derechos del Migrante	Interfaith Partners of the Chesapeake	Ruscombe Community Health Ctr.
Charm City Meadworks	Interfaith Power and Light	SafeGrow Montgomery
Charles Smith Apiaries	Johns Hopkins Center for a Livable Future	Safe Minds
Chesapeake Physicians for Social Responsibility	Karma.Farm	Safe Skies Maryland
Children's Environmental Health Network	KW Landscaping	Severn River Association
Clean Bread and Cheese Creek	Latino Farmers & Ranchers Association – Md Chapter	Sierra Club – MD Chapter
Clean Water Action	League of Women Voters of Maryland	Spa Creek Conservancy
Common Market Co-Op	Learning Disabilities Association – Md Chapter	The Flower Factory
Conservation Community Consulting	Lower Susquehanna Riverkeeper	Towson Estates Assn.
Cottingham Farm	Maryland Autism Project	Trout Unlimited
Crossroads Community Food Network	Maryland Bass Nation	Washington County Beekeepers Association
	Maryland Children's Environmental Health Coalition	Waterkeepers Chesapeake
	Maryland Environmental Health Network	Westport Farmers Market
	Maryland Ethical Cannabis Association	Westport Neighborhood Association
	Maryland League of Conservation Voters	Wicomico Environmental Trust
	Maryland Nurses Association	

Protect Maryland by REDUCING PFAS IN PESTICIDES

HB386/SB345: Pesticides – PFAS Chemicals – Prohibition

Protect Marylanders from Forever Chemicals

Some pesticides are much more dangerous to human health and our environment because they contain **PFAS**, also known as *forever chemicals*.

What Are Forever Chemicals?

A class of fluorinated chemicals, PFAS are known as *forever chemicals* because they do not break down in the environment. PFAS remediation is a massive problem and emerging technologies are limited and extremely expensive. These heavy costs will ultimately fall on communities, counties, and states. PFAS are already in our drinking water, in the Chesapeake Bay,¹ and in our soil, food,² and bodies.³ Nearly every U.S. resident now carries measurable levels of PFAS in their blood.⁴ Every exposure adds to the impact on our bodies.

The Problem

Maryland registers over 14,000 pesticides annually and over 1,000 contain toxic forever chemicals as their **active** ingredient. These pesticides are used widely in agriculture, homes, emergency rooms, health care facilities, and schools — among people who are already vulnerable. Also alarming is that there is no research on the synergistic effects of combining these *forever chemicals* with toxic pesticides that already have adverse health impacts.

Maryland has issued fish consumption warnings for PFAS in 15 fish species in the Bay watershed. Testing has found PFAS in drinking water from household taps in Maryland's Montgomery County⁵ and other locations around the state.



Even low PFAS exposure is linked to many long-term serious health impacts, including:^{6,7}



Birth Defects



Developmental Damage to Infants



High Cholesterol



Impaired Functioning of the Liver, Kidneys, and Immune System



Kidney, Testicular, and Breast Cancer



Less Effective Vaccine Response



More Serious Covid-19 Outcomes



Thyroid Disease



“

IF THE INTENT WAS TO SPREAD PFAS CONTAMINATION ACROSS THE GLOBE THERE WOULD BE FEW MORE EFFECTIVE METHODS THAN LACING PESTICIDES WITH PFAS.”

— Kyla Bennett, PEER Science Policy Director, attorney & scientist formerly with EPA

It's Not Too Late

The good news is we can stop further contamination from known PFAS pesticides. We can turn off *this* tap. Yes, forever chemicals are already here, but we can stop adding to the damage. There are numerous pesticides that can easily replace PFAS pesticides for all uses.

Our legislators can make a difference.

We can stop adding to the problem and compounding damage already done. We **can** remove PFAS from pesticides — and protect our families and future generations.

We are urging the Maryland General Assembly to help keep all Marylanders, especially children, pregnant women, families, the elderly — and our environment — safer from the life-threatening effects of PFAS when used as a pesticide's active ingredient by passing HB386/SB345.



For more information: email info@mdpestnet.org and visit smartonpesticides.org

¹ <https://www.foxgog.com/news/forever-chemicals-found-in-food/testing-food-pfas-and-assessing-dietary-exposure>

² https://www.cdc.gov/biomonitoring/PFAS_FactSheet.html

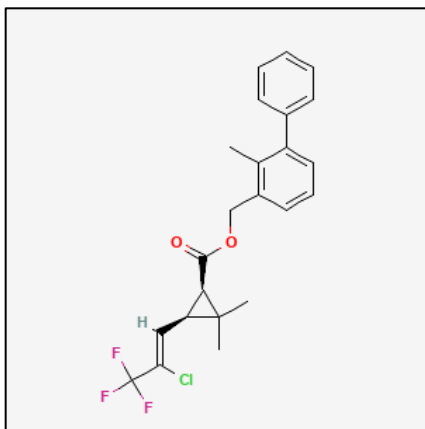
³ <https://www.scientificamerican.com/article/pesticides-are-spreading-toxic-forever-chemicals-scientists-warn>

⁴ https://www.bayjournal.com/news/fisheries/forever-chemicals-found-in-chesapeake-seafood-and-maryland-drinking-water/article_2aa7a82a-28fa-11eb-ac61-9f14273a6e14.html

⁵ https://www.atsdr.cdc.gov/pfas/health-effects/index.html?CDC_AA_refVal=https%3A%2F%2Fwww.atsdr.cdc.gov%2Fpfas%2Fhealth-effects.html

⁶ <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6380916>

PFAS Pesticides Meet the EPA PFAS Definition Codified by Nations and PFAS Scientists Throughout the World



As defined by Maryland law, **PFAS chemicals (per- and polyfluoroalkyl substances) are a class of fluorinated organic chemicals that contain at least one fully fluorinated carbon atom.** This PFAS definition aligns with the widely accepted scientific definition and used by EPA departments working on PFAS, Offices of Water, Research & Development, and others.

The federal government, PubChem and EPA's CompTox use the same PFAS definition, as Congress (see [PFAS Action Act of 2019](#)) and the U.S. Military and is codified in Maryland law, among 22 states.

Maryland's PFAS definition aligns with the OECD definition created by international scientists that include U.S. EPA working on PFAS as the

Organization for Economic Cooperation & Development (OECD), comprised of 37 member nations including the United States, and adopted by the European Union in their regulation of PFAS.

22 States that codified the same definition as Maryland of "one fully fluorinated carbon atom" include Arkansas, Arizona, California, Colorado, Connecticut, Georgia, Kentucky, Hawaii, Illinois, Indiana, Louisiana, Maryland, Maine, Minnesota, New Hampshire, Nevada, New York, Ohio, Oregon, Rhode Island, Vermont, and Washington.

PFAS are clearly identifiable and known by the product manufacturer.

Pesticide companies must register their product in Maryland every year. **They know what is in their product, its chemical structure, and if it is a PFAS.**

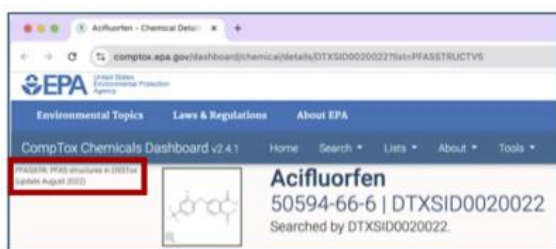
For everyone else, **PubChem is an authoritative resource to identify the currently recognized 66 pesticide active ingredients as PFAS.** Funded by the U.S. Government and maintained by National Institutes of Health (NIH), PubChem is the world's largest collection of freely accessible chemical information. A simple query by chemical name will identify these chemicals as PFAS in sections "Chemical and Physical Properties" and "Classification". ([Exact directions to perform queries on PubChem here.](#))

What pesticide products used in Maryland include these PFAS?

See this list of [66 PFAS pesticide active ingredients](#) with corresponding links to their PubChem pages and links to Maryland's Pesticide Database of products registered for sales and use.

Currently, there are just over 1,000 pesticide products registered in Maryland that contain these 66 PFAS active ingredients listed on their products' labels.

CompTox labels when a chemical is a PFAS.



The 66 of EPA's CompTox chemical pages for these pesticides show the chemical is a PFAS in the upper left corner:

"PFAS/EPA: PFAS structures in DSSTox" (PFAS label noted in red)

Access the full list of 66 with the CompTox PFAS label.

Here are two examples:

[Acifluorfen - Chemical Details \(epa.gov\)](#)

[Bifenthrin - Chemical Details \(epa.gov\)](#)

66 Pesticide Active Ingredients: Verified as PFAS in EPA's PFAS Analytic Tool CompTox Chemicals Dashboard

Pesticide

3-trifluoromethyl-4-nitrophenol,
CAS #88-30-2

EPA identification as PFAS - CompTox screenshot

The screenshot shows the EPA CompTox Chemicals Dashboard v2.3.0. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID7021788?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. A search bar is present. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS(EPA Structure-based Categories)" is highlighted. The chemical name "3-(Trifluoromethyl)-4-nitrophenol" is displayed, along with its CAS number "88-30-2" and DTXSID "DTXSID7021788". A chemical structure is shown, and the text "Searched by DTXSID7021788." is at the bottom.

Acifluorfen, CAS #50594-66-6

The screenshot shows the EPA CompTox Chemicals Dashboard v2.3.0. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID0020022?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. A search bar is present. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS(EPA Structure-based Categories)" is highlighted. The chemical name "Acifluorfen" is displayed, along with its CAS number "50594-66-6" and DTXSID "DTXSID0020022". A chemical structure is shown, and the text "Searched by DTXSID0020022." is at the bottom.

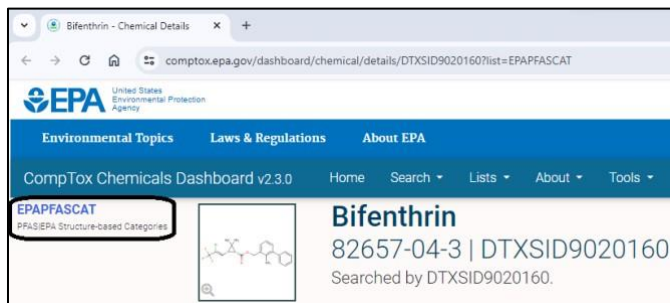
Benfluralin, CAS #1861-40-1

The screenshot shows the EPA CompTox Chemicals Dashboard v2.3.0. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID0020022?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. A search bar is present. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS(EPA Structure-based Categories)" is highlighted. The chemical name "Acifluorfen" is displayed, along with its CAS number "50594-66-6" and DTXSID "DTXSID0020022". A chemical structure is shown, and the text "Searched by DTXSID0020022." is at the bottom.

Bicyclopyrone, CAS #352010-68-5

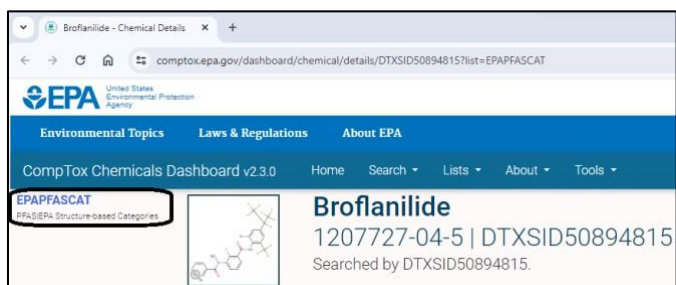
The screenshot shows the EPA CompTox Chemicals Dashboard v2.3.0. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID5058064?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. A search bar is present. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS(EPA Structure-based Categories)" is highlighted. The chemical name "Bicyclopyrone" is displayed, along with its CAS number "352010-68-5" and DTXSID "DTXSID5058064". A chemical structure is shown, and the text "Searched by DTXSID5058064." is at the bottom.

Bifenthrin, CAS #82657-04-03



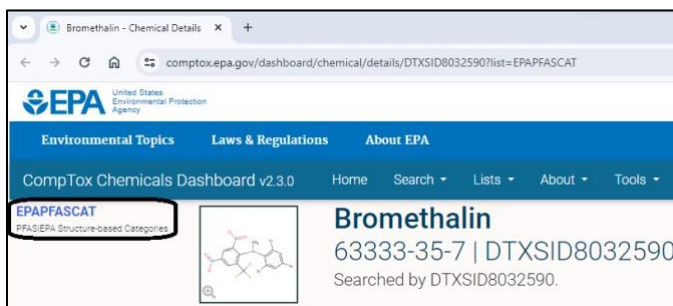
The screenshot shows the EPA CompTox Chemicals Dashboard for Bifenthrin. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID9020160?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below these, the text 'CompTox Chemicals Dashboard v2.3.0' is visible. A sidebar on the left contains a box labeled 'EPAPFASCAT' with the subtext 'PFAS/EPA Structure-based Categories'. The main content area displays the chemical name 'Bifenthrin' in large blue font, followed by its CAS number '82657-04-3' and DTXSID 'DTXSID9020160'. A chemical structure of Bifenthrin is shown to the left of the text. Below the name, it states 'Searched by DTXSID9020160'.

Broflanilide, CAS #1207727-04-5



The screenshot shows the EPA CompTox Chemicals Dashboard for Broflanilide. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID50894815?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below these, the text 'CompTox Chemicals Dashboard v2.3.0' is visible. A sidebar on the left contains a box labeled 'EPAPFASCAT' with the subtext 'PFAS/EPA Structure-based Categories'. The main content area displays the chemical name 'Broflanilide' in large blue font, followed by its CAS number '1207727-04-5' and DTXSID 'DTXSID50894815'. A chemical structure of Broflanilide is shown to the left of the text. Below the name, it states 'Searched by DTXSID50894815'.

Bromethalin, CAS #63333-35-7



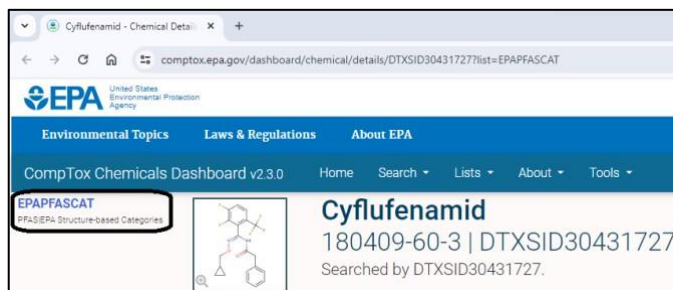
The screenshot shows the EPA CompTox Chemicals Dashboard for Bromethalin. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID8032590?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below these, the text 'CompTox Chemicals Dashboard v2.3.0' is visible. A sidebar on the left contains a box labeled 'EPAPFASCAT' with the subtext 'PFAS/EPA Structure-based Categories'. The main content area displays the chemical name 'Bromethalin' in large blue font, followed by its CAS number '63333-35-7' and DTXSID 'DTXSID8032590'. A chemical structure of Bromethalin is shown to the left of the text. Below the name, it states 'Searched by DTXSID8032590'.

Chlorfenapyr, CAS #122453-73-0



The screenshot shows the EPA CompTox Chemicals Dashboard for Chlorfenapyr. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID9032533?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below these, the text 'CompTox Chemicals Dashboard v2.3.0' is visible. A sidebar on the left contains a box labeled 'EPAPFASCAT' with the subtext 'PFAS/EPA Structure-based Categories'. The main content area displays the chemical name '4-Bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrazole' in large blue font, followed by its CAS number '122453-73-0' and DTXSID 'DTXSID9032533'. A chemical structure of Chlorfenapyr is shown to the left of the text. Below the name, it states 'Searched by DTXSID9032533'.

Cyflufenamid, CAS #180409-60-3



The screenshot shows the EPA CompTox Chemicals Dashboard for Cyflufenamid. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID30431727?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below these, the text 'CompTox Chemicals Dashboard v2.3.0' is visible. A sidebar on the left contains a box labeled 'EPAPFASCAT' with the subtext 'PFAS/EPA Structure-based Categories'. The main content area displays the chemical name 'Cyflufenamid' in large blue font, followed by its CAS number '180409-60-3' and DTXSID 'DTXSID30431727'. A chemical structure of Cyflufenamid is shown to the left of the text. Below the name, it states 'Searched by DTXSID30431727'.

Cyflumetofen, CAS #400882-07-7



United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PPASIEPA Structure-based Categories

Cyflumetofen
400882-07-7 | DTXSID8058089
Searched by DTXSID8058089.

Chemical structure of Cyflumetofen is displayed.

Dithiopyr, CAS #97886-45-8



United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PPASIEPA Structure-based Categories

Dithiopyr
97886-45-8 | DTXSID9032379
Searched by DTXSID9032379.

Chemical structure of Dithiopyr is displayed.

Ethalfuralin, CAS #55283-68-6



United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PPASIEPA Structure-based Categories

Ethalfuralin
55283-68-6 | DTXSID8032386
Searched by DTXSID8032386.

Chemical structure of Ethalfuralin is displayed.

Fipronil, CAS #120068-37-3



United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

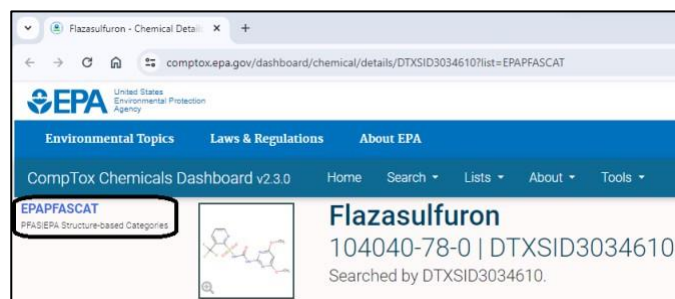
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PPASIEPA Structure-based Categories

Fipronil
120068-37-3 | DTXSID4034609
Searched by DTXSID4034609.

Chemical structure of Fipronil is displayed.

Flazasulfuron, CAS #104040-78-0



United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

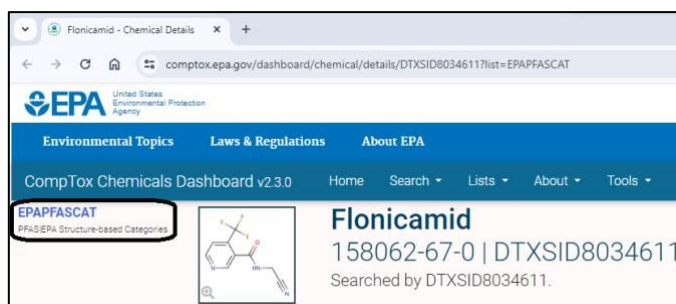
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PPASIEPA Structure-based Categories

Flazasulfuron
104040-78-0 | DTXSID3034610
Searched by DTXSID3034610.

Chemical structure of Flazasulfuron is displayed.

Flonicamid, CAS #158062-67-0



Flonicamid - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID8034611?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

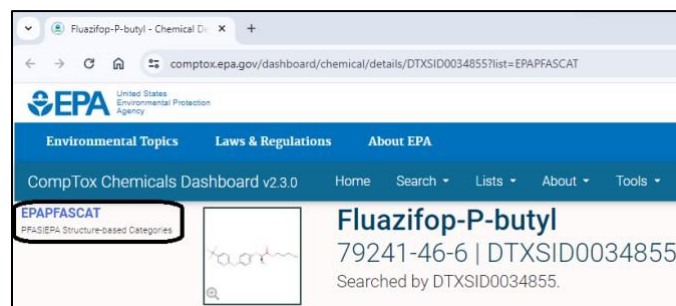
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS(EPA Structure-based Categories)

NC(=O)c1ccccc1C#N

Flonicamid
158062-67-0 | DTXSID8034611
Searched by DTXSID8034611.

Fluazifop-P-butyl, CAS #79241-46-6



Fluazifop-P-butyl - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID0034855?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

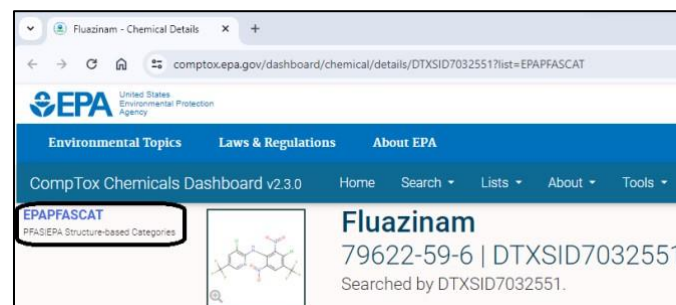
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS(EPA Structure-based Categories)

CCCCCOC(=O)c1ccc(cc1)C#N

Fluazifop-P-butyl
79241-46-6 | DTXSID0034855
Searched by DTXSID0034855.

Fluazinam, CAS #79622-59-6



Fluazinam - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID7032551?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS(EPA Structure-based Categories)

NC(=O)c1ccc(cc1)C#N

Fluazinam
79622-59-6 | DTXSID7032551
Searched by DTXSID7032551.

Flucarbazon-sodium, CAS #181274-17-9



Flucarbazon-sodium - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID3034614?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS(EPA Structure-based Categories)

NC(=O)c1ccc(cc1)C#N

Flucarbazon-sodium
181274-17-9 | DTXSID3034614
Searched by DTXSID3034614.

Fludioxonil, CAS #131341-86-1



Fludioxonil - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID2032398?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

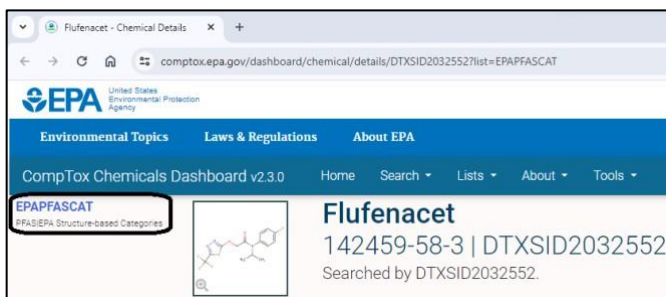
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS(EPA Structure-based Categories)

NC(=O)c1ccc(cc1)C#N

Fludioxonil
131341-86-1 | DTXSID2032398
Searched by DTXSID2032398.

Flufenacet, CAS #142459-58-3
BB



Flufenacet - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID2032552?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

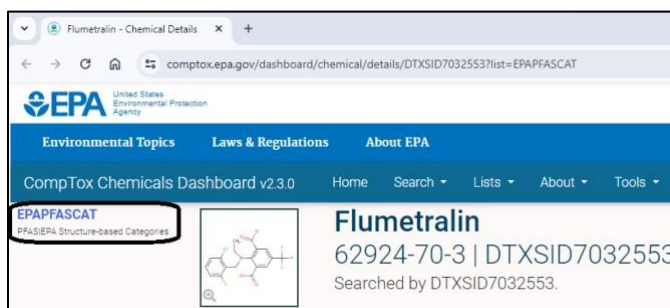
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Flufenacet
142459-58-3 | DTXSID2032552
Searched by DTXSID2032552.

Flumetralin, CAS #62924-70-3



Flumetralin - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID7032553?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Flumetralin
62924-70-3 | DTXSID7032553
Searched by DTXSID7032553.

Fluopicolide, CAS #239110-15-7



Fluopicolide - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID7034624?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

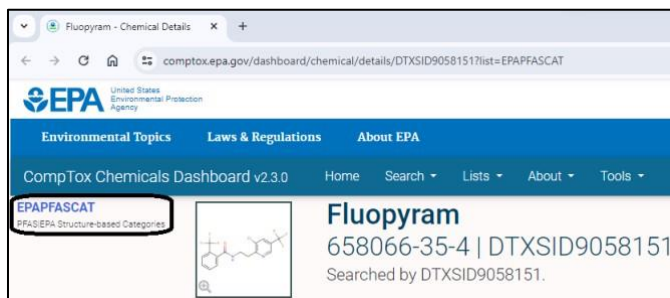
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Fluopicolide
239110-15-7 | DTXSID7034624
Searched by DTXSID7034624.

Fluopyram, CAS #658066-35-4



Fluopyram - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID9058151?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Fluopyram
658066-35-4 | DTXSID9058151
Searched by DTXSID9058151.

Fluridone, CAS #59756-60-4



1-Methyl-3-phenyl-5-(3-(trifluoromethyl)phenyl)-4-pyridone - Chemical Details

comptox.epa.gov/dashboard/chemical/details/DTXSID8024107?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools Submit Comments Search

EPAPFASCAT
PFAS/EPA Structure-based Categories



1-Methyl-3-phenyl-5-(3-(trifluoromethyl)phenyl)-4-pyridone
59756-60-4 | DTXSID8024107
Searched by DTXSID8024107.

Fluroxypyr-meptyl, CAS #81406-37-3

Fluroxypyr-meptyl - Chemical Details

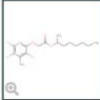
comptox.epa.gov/dashboard/chemical/details/DTXSID5034303?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Fluroxypyr-meptyl
81406-37-3 | DTXSID5034303
Searched by CASRN

Flurprimidol, CAS #56425-91-3

Flurprimidol - Chemical Details

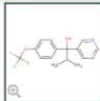
comptox.epa.gov/dashboard/chemical/details/DTXSID3024108?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Flurprimidol
56425-91-3 | DTXSID3024108
Searched by DTXSID3024108.

Flutianil, CAS #958647-10-4

Flutianil - Chemical Details

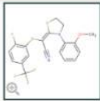
comptox.epa.gov/dashboard/chemical/details/DTXSID0058225?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Flutianil
958647-10-4 | DTXSID0058225
Searched by DTXSID0058225.

Flutolanil, CAS #66332-96-5

Flutolanil - Chemical Details

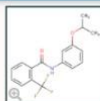
comptox.epa.gov/dashboard/chemical/details/DTXSID8024109?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Flutolanil
66332-96-5 | DTXSID8024109
Searched by DTXSID8024109.

Fluvalinate, CAS #69409-94-5

Fluvalinate - Chemical Details

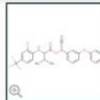
comptox.epa.gov/dashboard/chemical/details/DTXSID7024110?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

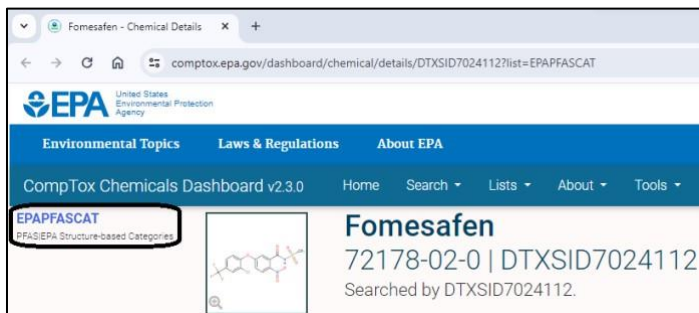
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Fluvalinate
69409-94-5 | DTXSID7024110
Searched by DTXSID7024110.

Fomesafen, CAS #72178-02-0



comptox.epa.gov/dashboard/chemical/details/DTXSID7024112?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

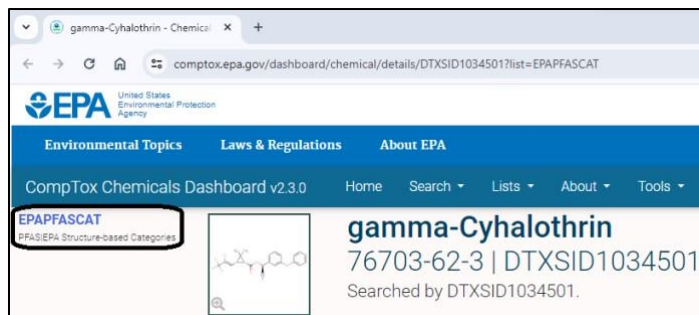
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS/EPA Structure-based Categories

O=C1C(=C(C=C1)C(=O)OC2=CC=CC=C2)C3=CC=CC=C3

Fomesafen
72178-02-0 | DTXSID7024112
Searched by DTXSID7024112.

gamma-Cyhalothrin, CAS #76703-62-3



comptox.epa.gov/dashboard/chemical/details/DTXSID1034501?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS/EPA Structure-based Categories

CC1=C(C(=C(C=C1)C2=CC=CC=C2)C3=CC=CC=C3)C4=CC=CC=C4

gamma-Cyhalothrin
76703-62-3 | DTXSID1034501
Searched by DTXSID1034501.

Hexaflumuron, CAS #86479-06-03



comptox.epa.gov/dashboard/chemical/details/DTXSID3032620?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

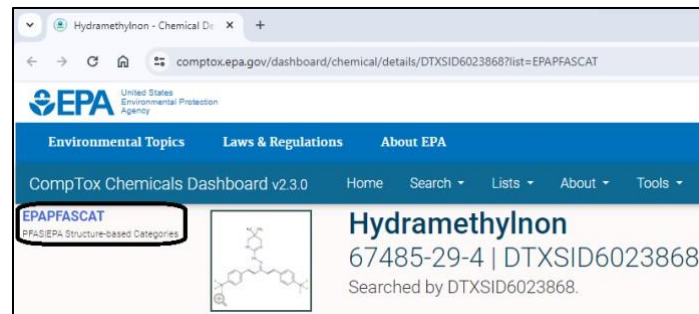
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS/EPA Structure-based Categories

CC1=C(C(=C(C=C1)C2=CC=CC=C2)C3=CC=CC=C3)C4=CC=CC=C4

Hexaflumuron
86479-06-3 | DTXSID3032620
Searched by DTXSID3032620.

Hydramethylnon, CAS #67485-29-4



comptox.epa.gov/dashboard/chemical/details/DTXSID6023868?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

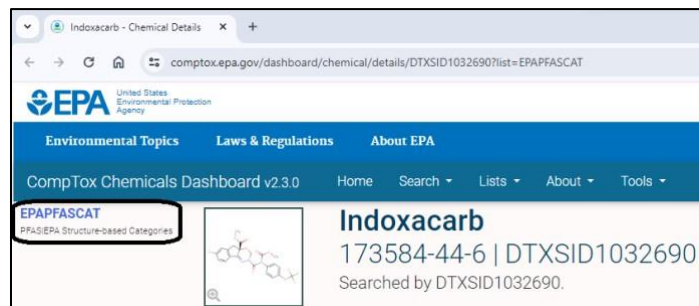
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS/EPA Structure-based Categories

CC1=C(C(=C(C=C1)C2=CC=CC=C2)C3=CC=CC=C3)C4=CC=CC=C4

Hydramethylnon
67485-29-4 | DTXSID6023868
Searched by DTXSID6023868.

Indoxacarb, CAS #173584-44-6



comptox.epa.gov/dashboard/chemical/details/DTXSID1032690?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT PFAS/EPA Structure-based Categories

CC1=C(C(=C(C=C1)C2=CC=CC=C2)C3=CC=CC=C3)C4=CC=CC=C4

Indoxacarb
173584-44-6 | DTXSID1032690
Searched by DTXSID1032690.

Isoxaflutole, CAS #141112-29-0



ISOXAFLUTOLE - Chemical Details

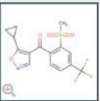
comptox.epa.gov/dashboard/chemical/details/DTXSID5034723?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

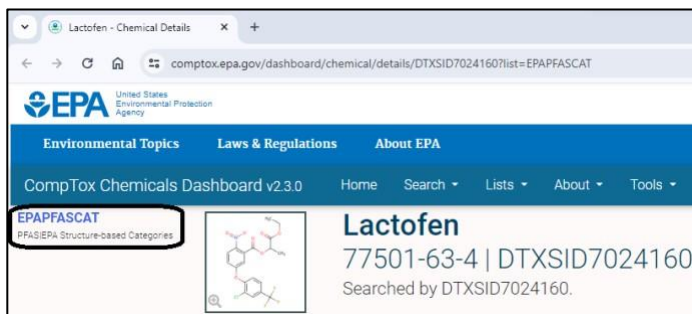
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Isoxaflutole
141112-29-0 | DTXSID5034723
Searched by DTXSID5034723.

Lactofen, CAS #77501-63-4



LACTOFEN - Chemical Details

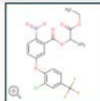
comptox.epa.gov/dashboard/chemical/details/DTXSID7024160?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

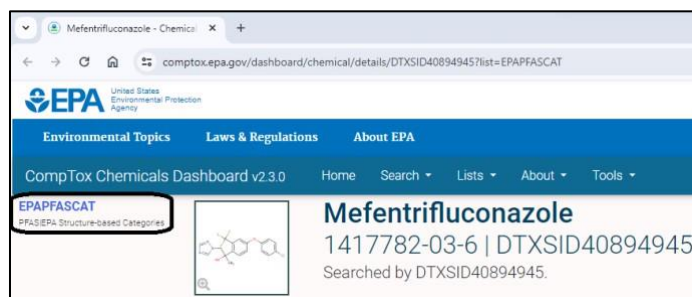
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Lactofen
77501-63-4 | DTXSID7024160
Searched by DTXSID7024160.

Mefentrifluconazole, CAS #1417782-03-6



MEFENTRIFLUCONAZOLE - Chemical Details

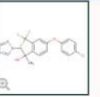
comptox.epa.gov/dashboard/chemical/details/DTXSID40894945?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Mefentrifluconazole
1417782-03-6 | DTXSID40894945
Searched by DTXSID40894945.

Metaflumizone, CAS #139968-49-3



METAFLUMIZONE - Chemical Details

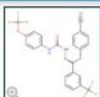
comptox.epa.gov/dashboard/chemical/details/DTXSID6040373?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

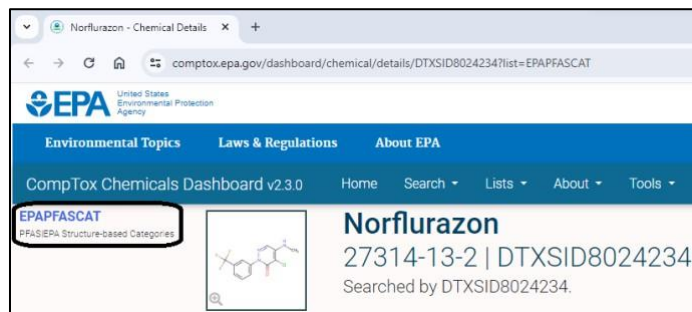
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Metaflumizone
139968-49-3 | DTXSID6040373
Searched by DTXSID6040373.

Norflurazon, CAS #27314-13-2



NORFLURAZON - Chemical Details

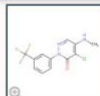
comptox.epa.gov/dashboard/chemical/details/DTXSID8024234?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

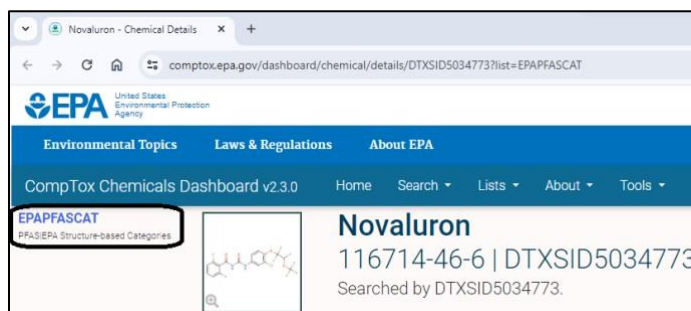
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Norflurazon
27314-13-2 | DTXSID8024234
Searched by DTXSID8024234.

Novaluron, CAS #116714-46-6

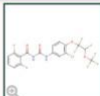


United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

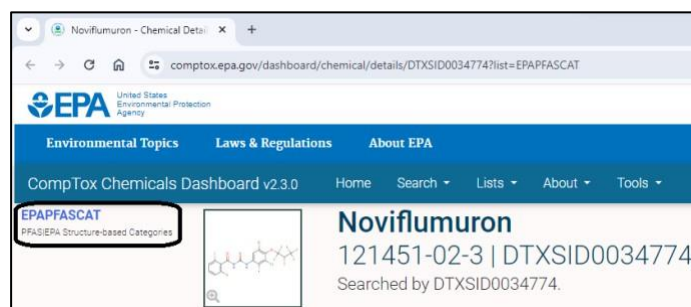
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Novaluron
116714-46-6 | DTXSID5034773
Searched by DTXSID5034773.

Noviflumuron, CAS #121451-02-3

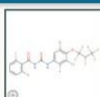


United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

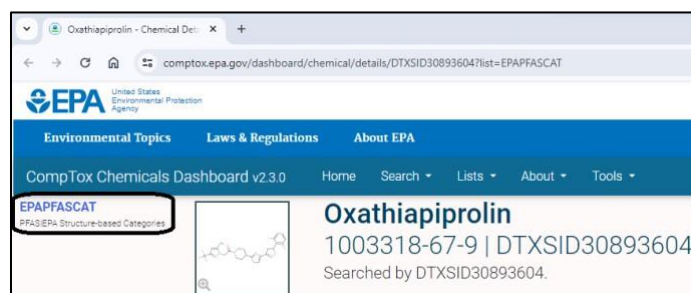
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Noviflumuron
121451-02-3 | DTXSID0034774
Searched by DTXSID0034774.

Oxathiapiprolin, CAS #1003318-67-9

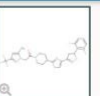


United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

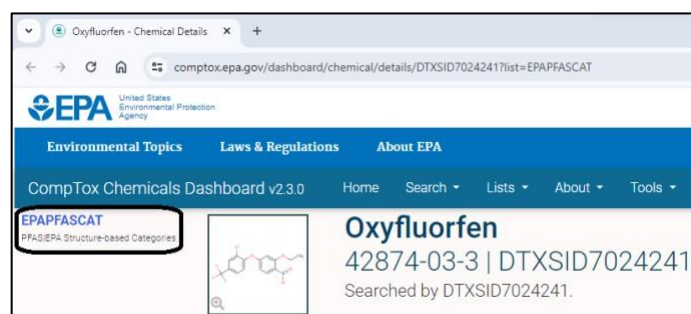
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Oxathiapiprolin
1003318-67-9 | DTXSID30893604
Searched by DTXSID30893604.

Oxyfluorfen, CAS #42874-03-03

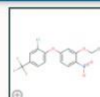


United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

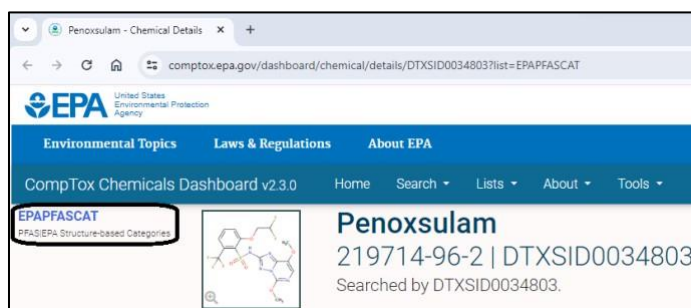
CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Oxyfluorfen
42874-03-3 | DTXSID7024241
Searched by DTXSID7024241.

Penoxsulam, CAS #219714-96-2

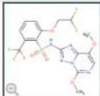


United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Penoxsulam
219714-96-2 | DTXSID0034803
Searched by DTXSID0034803.

Penthiopyrad, CAS #183675-82-3

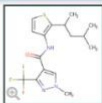
comptox.epa.gov/dashboard/chemical/details/DTXSID6058005?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Penthiopyrad
183675-82-3 | DTXSID6058005
Searched by DTXSID6058005.

Picoxystrobin, CAS #117428-22-5

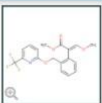
comptox.epa.gov/dashboard/chemical/details/DTXSID9047542?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Picoxystrobin
117428-22-5 | DTXSID9047542
Searched by DTXSID9047542.

Prodiamine, CAS #29091-21-2

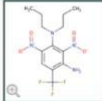
comptox.epa.gov/dashboard/chemical/details/DTXSID1034210?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Prodiamine
29091-21-2 | DTXSID1034210
Searched by DTXSID1034210.

Prosulfuron, CAS #94125-34-5

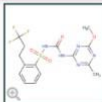
comptox.epa.gov/dashboard/chemical/details/DTXSID9034868?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Prosulfuron
94125-34-5 | DTXSID9034868
Searched by DTXSID9034868.

Pyrasulfotole, CAS #365400-11-9

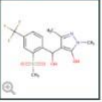
comptox.epa.gov/dashboard/chemical/details/DTXSID2044343?list=EPAPFASCAT

EPA United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Pyrasulfotole
365400-11-9 | DTXSID2044343
Searched by DTXSID2044343.

Pyridalyl, CAS #179101-81-6

Pyridalyl - Chemical Details

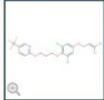
comptox.epa.gov/dashboard/chemical/details/DTXSID8034875?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFA5 EPA Structure-based Categories



Pyridalyl
179101-81-6 | DTXSID8034875
Searched by DTXSID8034875.

Pyrifluquinazon, CAS #337458-27-2

Pyrifluquinazon - Chemical Details

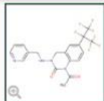
comptox.epa.gov/dashboard/chemical/details/DTXSID6058057?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFA5 EPA Structure-based Categories



Pyrifluquinazon
337458-27-2 | DTXSID6058057
Searched by DTXSID6058057.

Pyroxasulfone, CAS #447399-55-5

Pyroxasulfone - Chemical Details

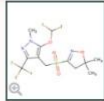
comptox.epa.gov/dashboard/chemical/details/DTXSID4058104?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFA5 EPA Structure-based Categories



Pyroxasulfone
447399-55-5 | DTXSID4058104
Searched by DTXSID4058104.

Pyroxsulam, CAS #422556-08-9

Pyroxsulam - Chemical Details

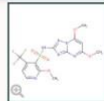
comptox.epa.gov/dashboard/chemical/details/DTXSID7044344?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFA5 EPA Structure-based Categories



Pyroxsulam
422556-08-9 | DTXSID7044344
Searched by DTXSID7044344.

Saflufenacil, CAS #372137-35-4

Saflufenacil - Chemical Details

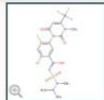
comptox.epa.gov/dashboard/chemical/details/DTXSID9058072?list=EPAPFASCAT

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFA5 EPA Structure-based Categories



Saflufenacil
372137-35-4 | DTXSID9058072
Searched by DTXSID9058072.

Sulfoxaflor, CAS #946578-00-3

The screenshot shows the EPA CompTox Chemicals Dashboard for Sulfoxaflor. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID0074687?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below the navigation bar, the text "CompTox Chemicals Dashboard v2.3.0" is visible. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS/EPA Structure-based Categories" is highlighted. To the right of this box is a chemical structure diagram of Sulfoxaflor. Further right, the chemical name "Sulfoxaflor" is displayed in large bold text, followed by its CAS number "946578-00-3" and DTXSID "DTXSID0074687". Below this, it states "Searched by DTXSID0074687."

Tefluthrin, CAS #79538-32-2

The screenshot shows the EPA CompTox Chemicals Dashboard for Tefluthrin. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID5032577?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below the navigation bar, the text "CompTox Chemicals Dashboard v2.3.0" is visible. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS/EPA Structure-based Categories" is highlighted. To the right of this box is a chemical structure diagram of Tefluthrin. Further right, the chemical name "Tefluthrin" is displayed in large bold text, followed by its CAS number "79538-32-2" and DTXSID "DTXSID5032577". Below this, it states "Searched by DTXSID5032577."

Tembotrione, CAS #335104-84-2

The screenshot shows the EPA CompTox Chemicals Dashboard for Tembotrione. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID5047037?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below the navigation bar, the text "CompTox Chemicals Dashboard v2.3.0" is visible. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS/EPA Structure-based Categories" is highlighted. To the right of this box is a chemical structure diagram of Tembotrione. Further right, the chemical name "Tembotrione" is displayed in large bold text, followed by its CAS number "335104-84-2" and DTXSID "DTXSID5047037". Below this, it states "Searched by DTXSID5047037."

Tetraconazole, CAS #112281-77-3

The screenshot shows the EPA CompTox Chemicals Dashboard for Tetraconazole. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID8034956?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below the navigation bar, the text "CompTox Chemicals Dashboard v2.3.0" is visible. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS/EPA Structure-based Categories" is highlighted. To the right of this box is a chemical structure diagram of Tetraconazole. Further right, the chemical name "Tetraconazole" is displayed in large bold text, followed by its CAS number "112281-77-3" and DTXSID "DTXSID8034956". Below this, it states "Searched by DTXSID8034956."

Tetraniliprole, CAS #1229654-66-3

The screenshot shows the EPA CompTox Chemicals Dashboard for Tetraniliprole. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID40894829?list=EPAPFASCAT. The page features the EPA logo and navigation tabs for Environmental Topics, Laws & Regulations, and About EPA. Below the navigation bar, the text "CompTox Chemicals Dashboard v2.3.0" is visible. On the left, a box labeled "EPAPFASCAT" with the subtext "PFAS/EPA Structure-based Categories" is highlighted. To the right of this box is a chemical structure diagram of Tetraniliprole. Further right, the chemical name "Tetraniliprole" is displayed in large bold text, followed by its CAS number "1229654-66-3" and DTXSID "DTXSID40894829". Below this, it states "Searched by DTXSID40894829."

Tiafenacil, CAS #1220411-29-9

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Tiafenacil
1220411-29-9 | DTXSID20873394
Searched by DTXSID20873394.

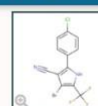
Tralopyril, CAS #122454-29-9

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Tralopyril
122454-29-9 | DTXSID6041503
Searched by DTXSID6041503.

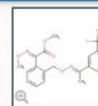
Trifloxystrobin, CAS #141517-21-7

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Trifloxystrobin
141517-21-7 | DTXSID4032580
Searched by DTXSID4032580.

Trifloxysulfuron-sodium,
CAS #290332-10-4

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Trifloxysulfuron-sodium monohydrate
290332-10-4 | DTXSID6034263
Searched by DTXSID6034263.

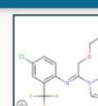
Triflumizole, CAS #68694-11-1

United States Environmental Protection Agency

Environmental Topics Laws & Regulations About EPA

CompTox Chemicals Dashboard v2.3.0 Home Search Lists About Tools

EPAPFASCAT
PFAS/EPA Structure-based Categories



Triflumizole
68694-11-1 | DTXSID2032500
Searched by DTXSID2032500.

Trifluralin, CAS #1582-09-08

The screenshot shows the EPA CompTox Chemicals Dashboard for Trifluralin. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID4021395?list=EPAPFASCAT. The EPA logo is at the top left. The navigation bar includes "Environmental Topics", "Laws & Regulations", and "About EPA". Below this, the text "CompTox Chemicals Dashboard v2.3.0" is visible. A search bar on the right contains "Home", "Search", "Lists", "About", and "Tools". On the left side, a box labeled "EPAPFASCAT" with the subtext "PFAS/EPA Structure-based Categories" is highlighted. In the center, there is a chemical structure diagram of Trifluralin. To the right of the structure, the chemical name "Trifluralin" is displayed in large bold text, followed by its CAS number "1582-09-8" and DTXSID "DTXSID4021395". Below this, it says "Searched by DTXSID4021395."

Triflurosulfuron-methyl, CAS #126535-15-7

The screenshot shows the EPA CompTox Chemicals Dashboard for Triflurosulfuron-methyl. The browser address bar displays the URL: comptox.epa.gov/dashboard/chemical/details/DTXSID2032502?list=EPAPFASCAT. The EPA logo is at the top left. The navigation bar includes "Environmental Topics", "Laws & Regulations", and "About EPA". Below this, the text "CompTox Chemicals Dashboard v2.3.0" is visible. A search bar on the right contains "Home", "Search", "Lists", "About", and "Tools". On the left side, a box labeled "EPAPFASCAT" with the subtext "PFAS/EPA Structure-based Categories" is highlighted. In the center, there is a chemical structure diagram of Triflurosulfuron-methyl. To the right of the structure, the chemical name "Triflurosulfuron-methyl" is displayed in large bold text, followed by its CAS number "126535-15-7" and DTXSID "DTXSID2032502". Below this, it says "Searched by DTXSID2032502."

Scientists' Statement on Defining PFAS

The undersigned are scientists with expertise in per- and polyfluoroalkyl substances (“PFAS”). We study the use and health & environmental effects of PFAS, and support reducing the adverse impacts of PFAS, the “forever chemicals”. **Here, we address the necessity for government agencies and legislatures to adopt complete PFAS definitions grounded in science without political interference.**

PFAS are used in consumer and industrial applications as surfactants and to impart oil, water, and stain resistance. There are thousands of PFAS chemicals and all well-studied PFAS show human health harms ranging from immune system dysfunction to increased risk of certain cancers.¹ **All PFAS are distinguished by the presence of at least one fully fluorinated carbon atom.** The carbon-fluorine bond is the strongest single bond in organic chemistry², giving all PFAS the shared trait of persistence, leading to their accumulation in our bodies and ecosystems. The health and environmental risks of PFAS coupled with their extreme environmental persistence³ requires a class-based approach⁴ and a definition that reflects that.

The following are science-based definitions:

- **The “at least one fully fluorinated carbon” definition that has been used by 23 US states, the Department of Defense, and Congress.⁵**
- **The nearly identical 2021 OECD definition that was crafted by a panel of international PFAS experts, including those representing the chemical industry and US EPA.⁶**

PFAS definitions that exclude polymers and gases are overlooking the most widely used PFAS. Claims that these PFAS are needed to fulfill climate and infrastructure goals are irrelevant to the definition of PFAS and are continuing to be refuted through the development of safer alternatives.

PFAS polymers can be thought of as plastics that contain carbon-fluorine bonds. They have been exempted in some PFAS regulations and definitions due to their lack of direct toxicity, but life-cycle effects must be considered to protect our health and our ecosystems.⁷ The manufacturing, use, and disposal of PFAS polymers emits harmful fluorinated building blocks and PFAS greenhouse gases, with *80% of historical PFAS environmental contamination estimated to have originated from polymer production.*⁸ PFAS polymers are also persistent, contributing to the ongoing microplastic crisis. Any PFAS definition grounded in science must include all PFAS polymers.

Fluorinated gases must also be included in the class of PFAS. Many persist in the environment or decay into trifluoroacetic acid (TFA), a PFAS that has been building up in the environment since the introduction of CFC replacements like hydrofluoroolefin (HFO) gases. We are concerned that TFA has been increasingly detected in people and drinking water worldwide.^{9,10} The low global warming potential of some fluorinated gases does not justify their exclusion from the definition of PFAS.

Government agencies and legislatures should continue to define PFAS accurately using the above definitions, and if any exemptions are needed, e.g., for certain pharmaceuticals, then those can be given without changing the definition of PFAS.

Respectfully signed by 163 scientists with expertise in PFAS below.

The views expressed are those of the signatories and do not represent their affiliated organizations.

Ovokeroye Abafe, PhD, Lecturer/Assistant Professor, Brunel University London
Chibuzor Abasilim, PhD, MPH, Postdoctoral Fellow, University of Illinois Chicago
John Adgate, PhD, Professor, University of Colorado, School of Public Health
Marlene Ågerstrand, PhD, Associate Professor, Stockholm University
Lutz Ahrens, PhD, Senior Researcher/Professor, Swedish University of Agricultural Sciences
Amira Aker, PhD, Postdoctoral Fellow, Université Laval
William Arnold, PhD, Distinguished McKnight Professor, University of Minnesota
Hans Peter H. Arp, PhD, Professor, Norwegian Geotechnical Institute & Norwegian U. of Science & Tech.
Bridget Baker, DVM, MS, Research Assistant Professor, University of Florida
Emily Barrett, PhD, Professor, Rutgers School of Public Health
Riley Barta, PhD, Assistant Professor, Purdue University
Scott Belcher, PhD, Professor, North Carolina State University
Michael Belliveau, SB, Founder & Senior Strategist, Defend Our Health
Kimberley Bennett, PhD, Senior Lecturer, Abertay University
Kyla Bennett, PhD, JD, Science Policy Advisor, Public Employees for Environmental Responsibility
Åke Bergman, PhD, Senior Professor, Örebro University and Stockholm University
Michael Bertram, PhD, Assistant Professor, Swedish University of Agricultural Sciences
Jos Bessems, PhD, MSc, Senior R&D, VITO
Linda Birnbaum, PhD, Scientist Emeritus and Former Director, NIEHS and NTP
Arlene Blum, PhD, Executive Director, Green Science Policy Institute
Eva Cecilie Bonefeld-Jørgensen, PhD, MSc, Professor; Center Director, Aarhus University
Katrine Borgå, PhD, Professor, University of Oslo
Bailey Bowers, PhD, Visiting Assistant Professor, Earlham College
Joseph Braun, PhD, RN, MSPH, Professor, Brown University
Phil Brown, PhD, University Distinguished Professor of Sociology & Health Sciences, Northeastern U.
Helene Budzinski, PhD, Head of EPOC laboratory, CNRS, France
Sam Byrne, PhD, Assistant Professor, Middlebury College
Courtney Carignan, PhD, Assistant Professor, Michigan State University
Meghan Cerpa, MPH, PhD Candidate, University of Illinois Chicago
Lida Chatzi, MD, PhD, Professor, University of Southern California
Perry Cohn, PhD, MPH, retired, New Jersey Department of Health
Justin Colacino, PhD, MA, MPH, Associate Professor, University of Michigan
Pere Colomer Vidal, PhD, Postdoc, Institute of General Organic Chemistry, CSIC
Ellen Cooper, PhD, Research Scientist, Duke University
Alissa Cordner, PhD, Associate Professor, Whitman College
Ian Cousins, PhD, Professor, Stockholm University
Hugo de Campos Pereira, PhD, MSc, Environmental Risk Assessor, The Swedish Chemicals Agency
Cynthia de Wit, PhD, Professor Emerita, Stockholm University
Jamie DeWitt, PhD, Professor, Oregon State University
Miriam L. Diamond, PhD, Professor, University of Toronto
Elmer Diaz, MS, Toxicologist, Washington State Department of Health
Michael Dooley, MSc, Graduate Student, Colorado School of Mines
Alan Ducatman, MD, Professor Emeritus, West Virginia University
Suzanne Fenton, PhD, MS, Center Director, NC State University
Seth Rojello Fernández, MS, Science & Policy Associate, Green Science Policy Institute
Jennifer Freeman, PhD, Professor, Purdue University

Kay Fritz, PhD, Toxicologist, Michigan Department of Agriculture & Rural Development
Alex Ford, PhD, MSc, Professor, University of Portsmouth
Cristóbal Galbán, PhD, Full Professor, Genomics, Ecology & Environment Center, Universidad Mayor
Kimberly Garrett, PhD, Postdoctoral Research Fellow, Northeastern University PFAS Project Lab
Juliane Glüge, PhD, Senior Researcher, ETH Zürich, Switzerland
Gretta Goldenman, JD, MPP, Co-Coordinator, Global PFAS Science Panel
Belen Gonzalez-Gaya, PhD, Researcher, University of the Basque Country
Jaclyn Goodrich, PhD, Research Associate Professor, University of Michigan
Jesse Goodrich, PhD, Assistant Professor, University of Southern California
Judith Graber, PhD, MS, Associate Professor, Rutgers School of Public Health
Philippe Grandjean, MD, DMSc, dr.h.c., Research Professor, University of Rhode Island
Yago Guida, PhD, Research Associate, Federal University of Rio de Janeiro
Sarah Hale, PhD, Senior Researcher, German Water Center TZW
Kris Hansen, PhD, Founder/CEO, Savanna Science
Stuart Harrad, PhD, Full Professor, University of Birmingham
Nicholas Herkert, PhD, Research Scientist, Duke University
Åse Høisæter, MSc, Senior Consultant, PhD Candidate, Norwegian Geotechnical Institute AS
Marie Louise Holmer, MSc, Special Consultant, DTU National Food Institute
Tyler Hoskins, PhD, Research Assistant Professor, Purdue University
Taylor Hoxie, BS, PhD Candidate, Duke University
Yuyun Ismawati, MSc, Senior Researcher, Nexus3 Foundation
Lydia Jahl, PhD, Senior Scientist, Green Science Policy Institute
Karl Jobst, PhD, Assistant Professor, Memorial University of Newfoundland
Rashmi Joglekar, PhD, Associate Director of Science, Policy & Engagement, University of California, San Francisco Program on Reproductive Health and the Environment
Olga-Ioanna Kalantzi, PhD, Associate Professor, University of the Aegean
Anna Kärrman, PhD, Associate Professor, Örebro University
Sarit Kaserzon, PhD, Associate Professor, University of Queensland
Detlef Knappe, PhD, S. James Ellen Distinguished Professor, North Carolina State University
Gail Krowech, PhD, Staff Toxicologist (retired), CA OEHHA
Carol Kwiatkowski, PhD, Adjunct Assistant Professor, North Carolina State University
Pierre Labadie, PhD, Senior Researcher, CNRS France
Jimena Diaz Leiva, PhD, Science Director, Center for Environmental Health
Mélanie Lemire, PhD, Professor, CHU de Québec - Université Laval
Anna Lennquist, PhD, Senior Toxicologist, ChemSec
Juliana Leonel, PhD, Professor, Universidade de Santa Catarina
Wenting Li, PhD, Post-Doctoral Researcher, University of California Davis
Jinxia Liu, PhD, Associate Professor, McGill University
Shelley Liu, PhD, Associate Professor, Icahn School of Medicine at Mount Sinai
Mallory Llewellyn, BS, PhD Candidate, University of Florida
Rainer Lohmann, PhD, Professor, University of Rhode Island
Christine Luetzkendorf, MSc, Policy Advisor on Fluorinated Gases, Deutsche Umwelthilfe e.V.
Maricel Maffini, PhD, Independent Consultant
Katherine Manz, PhD, Assistant Professor, University of Michigan
Olwenn Martin, PhD, Associate Professor, University College London
Pingping Meng, PhD, Assistant Professor, East Carolina University
Mindi Messmer, MS, President, NH Science and Public Health
David Michaels, PhD, MPH, Professor, Milken Institute School of Public Health, George Washington U.

Ulf Mieke, PhD, Deputy Director/Head of Process Innovation, Kompetenzzentrum Wasser Berlin gGmbH
Gillian Miller, PhD, Senior Scientist, Ecology Center
Pamela Miller, MS, Executive Director and Senior Scientist, Alaska Community Action on Toxics
Daniele Miranda, PhD, Research Assistant Professor, University of Notre Dame
Michelle Misselwitz, BS, Research Assistant, Duke University
Rachel Molé, MS, PhD Candidate, Carnegie Mellon University
Michelangelo Morganti, PhD, Researcher, CNR-IRSA, Water Research Institute
Dean Morrow, BSc, Senior Environmental Scientist, Royal Military College of Canada
Jane Muncke, PhD, Managing Director and Chief Scientific Officer, Food Packaging Forum
Dawn Myers, BS, Senior Environmental Specialist, Orange County Sanitation District
Michael Neumann, PhD, Scientific Officer, German Environment Agency
Carla Ng, PhD, Associate Professor, University of Pittsburgh
Sascha Nicklisch, PhD, Assistant Professor, UC Davis
Mariam Oladosu, MPH, PhD Student, University of Illinois, Chicago
Sung Kyun Park, ScD, Associate Professor, University of Michigan
Marco Parolini, PhD, Associate Professor, University of Milan
Sharyle Patton, BA, Director of Health and Environment, Commonwealth
Graham Peaslee, PhD, Professor, University of Notre Dame
Katie Pelch, PhD, Scientist, Natural Resources Defense Council
Myrto Petreas, PhD, MPH, Branch Chief (retired), Environmental Chemistry Laboratory, CA DTSC
Heidi Pickard, MSc, PhD Candidate, Harvard University
Merle Plassmann, PhD, Laboratory Manager, Stockholm University
Stefano Polesello, PhD, Research Director, CNR-IRSA, Water Research Institute
Grace Poudrier, MA, PhD Candidate, Northeastern University
Hannah Ray, PhD, Senior Manager, Programs + Innovation, Materials, International Living Future Institute
Jessica Ray, PhD, Assistant Professor, University of Washington
Anna Reade, PhD, Senior Scientist & Director of PFAS Advocacy, Natural Resources Defense Council
Amirhossein Rezaei Adaryani, PhD, Water Resource Control Engineer, Santa Ana Regional Water Quality Control Board
Lauren Richter, PhD, Assistant Professor, University of Toronto
Megan Romano, PhD, MPH, Associate Professor, Dartmouth Geisel School of Medicine
Joëlle Rüegg, PhD, Professor, Uppsala University
Marianna Rusconi, PhD, Researcher, CNR-IRSA, Water Research Institute
Mohammad Sadia, MSc, PhD Candidate, University of Amsterdam
Amina Salamova, PhD, Assistant Professor, Emory University
Gabriel Salierno, PhD, Green Chemist, TURI - UMass Lowell
Sébastien Sauvé, PhD, Full Professor, Université de Montréal
Andreas Schäffer, PhD, Professor, RWTH Aachen University
Laurel Schaidt, PhD, Senior Scientist, Silent Spring Institute
Ted Schettler, MD, MPH, Science Director, Science and Environmental Health Network
Jona Schulze, MSc, Scientific Officer, German Environment Agency
Michael Schumann, Dr. Dipl. Psych., Retired Senior Scientist, German Human Biomonitoring Comm'n
Maria Sepulveda, PhD, Professor, Purdue University
Gabriel Sigmund, PhD, Assistant Professor, Wageningen University
Anna Soehl, MSc, Science & Policy Consultant, Green Science Policy Institute
Ariana Spentzos, PhD, Science & Policy Associate, Green Science Policy Institute
Heather Stapleton, PhD, Professor, Duke University
Maria Starling, PhD, Professor, Universidade Federal de Minas Gerais

Prashant Srivastava, PhD, Sr. Research Scientist, Commonwealth Scientific & Industrial Research Org.
Eleni Stropoulou, MSc, PhD Candidate, National Technical University of Athens
Roxana Suehring, Dr. rer. nat., Assistant Professor, Toronto Metropolitan University
Ryan Sullivan, PhD, Professor & Associate Director, Institute for Green Science, Carnegie Mellon U.
Brita Sundelin, PhD, Associate Professor/Researcher, Stockholm University
Rebecca Sutton, PhD, Senior Scientist, San Francisco Estuary Institute
Drew Szabo, PhD, Postdoctoral Researcher, Stockholm University
Alicia Timme-Laragy, PhD, Professor, University of Massachusetts Amherst
Héloïse Thouément, PhD, Researcher, Wageningen University
Konstantina Tsintsifas, MPH, PhD Student, University of Illinois Chicago
Mary Turyk, PhD, MPH, Professor, University of Illinois Chicago
Sara Valsecchi, MSc, Senior Researcher, CNR-IRSA, Water Research Institute
Almudena Veiga-Lopez, DVM, PhD, Associate Professor, University of Illinois at Chicago
Marta Venier, PhD, Assistant Professor, Indiana University
Arjun Venkatesan, PhD, Associate Professor, New Jersey Institute of Technology
Penny Vlahos, PhD, Professor, University of Connecticut
Marc-André Verner, PhD, Associate Professor, Université de Montréal
Tiziano Verri, PhD, Full Professor, University of Salento
Anne Marie Vinggaard, PhD, Professor, Technical University of Denmark
Kimberlee West, MS, Water Resource Control Engineer, San Francisco Bay Regional Water Board
Christopher Witt, PhD, Professor, University of New Mexico
Chunjie Xia, PhD, Research Associate, Indiana University Bloomington
Guomao Zheng, PhD, Associate Professor, Southern University of Science and Technology
Veronika Zhiteneva, PhD, Group Lead, Water Treatment, Kompetenzzentrum Wasser Berlin gGmbH

1 Fenton, S. E.; Ducatman, A.; Boobis, A.; DeWitt, J. C.; Lau, C.; Ng, C.; Smith, J. S.; Roberts, S. M., Per- and Polyfluoroalkyl Substance Toxicity and Human Health Review: Current State of Knowledge and Strategies for Informing Future Research. *Environ. Toxicol. Chem.* 2021, 40 (3), 606-630

2 O'Hagan, D., Understanding organofluorine chemistry. An introduction to the C–F bond. *Chem. Soc. Rev.* 2008, 37 (2), 308-319.

3 Cousins, I. T.; DeWitt, J. C.; Glüge, J.; Goldenman, G.; Herzke, D.; Lohmann, R.; Ng, C. A.; Scheringer, M.; Wang, Z., The high persistence of PFAS is sufficient for their management as a chemical class. *Environ. Sci.: Process. Impacts* 2020, 22 (12), 2307-2312. 4 Kwiatkowski, C. F.; Andrews, D. Q.; Birnbaum, L. S.; Bruton, T. A.; DeWitt, J. C.; Knappe, D. R. U.; Maffini, M. V.; Miller, M. F.; Pelch, K. E.; Reade, A.; Soehl, A.; Trier, X.; Venier, M.; Wagner, C. C.; Wang, Z.; Blum, A., Scientific Basis for Managing PFAS as a Chemical Class. *Environ. Sci. Tech. Lett.* 2020, 7 (8), 532-543.

5 <https://www.saferstates.org/priorities/pfas/>

6 “PFASs are defined as fluorinated substances that contain at least one fully fluorinated methyl or methylene carbon atom (without any H/Cl/Br/I atom attached to it)” [https://one.oecd.org/document/ENV/CBC/MONO\(2021\)25/En/pdf](https://one.oecd.org/document/ENV/CBC/MONO(2021)25/En/pdf)

7 Lohmann, R.; Cousins, I. T.; DeWitt, J. C.; Glüge, J.; Goldenman, G.; Herzke, D.; Lindstrom, A. B.; Miller, M. F.; Ng, C. A.; Patton, S.; Scheringer, M.; Trier, X.; Wang, Z., Are Fluoropolymers Really of Low Concern for Human and Environmental Health and Separate from Other PFAS? *Environ. Sci. Technol.* 2020, 54 (20), 12820-12828.

8 Prevedouros, K.; Cousins, I. T.; Buck, R. C.; Korzeniowski, S. H., Sources, Fate and Transport of Perfluorocarboxylates. *Environ. Sci. Technol.* 2006, 40 (1), 32-44.

9 Zheng, G.; Eick, S. M.; Salamova, A., Elevated Levels of Ultrashort- and Short-Chain Perfluoroalkyl Acids in US Homes and People. *Environ. Sci. Technol.* 2023, 57 (42), 15782-15793.

10 Pickard, H. M.; Criscitiello, A. S.; Persaud, D.; Spencer, C.; Muir, D. C. G.; Lehnher, I.; Sharp, M. J.; De Silva, A. O.; Young, C. J., Ice Core Record of Persistent Short-Chain Fluorinated Alkyl Acids: Evidence of the Impact From Global Environmental Regulations. *Geophys. Res. Lett.* 2020, 47 (10).

Maryland Registered PFAS Pesticide Products (1,065)

Sorted by Active Ingredient Name

Product Name	Active Ingredient	EPA Reg.
<u>CIFIN 2L</u>	Acifluorfen	82534-2-88783
<u>ACIFLUORFEN 2</u>	Acifluorfen	85678-18
<u>AVALANCHE ULTRA</u>	Acifluorfen	83222-37
<u>STORM HERBICIDE</u>	Acifluorfen	70506-59
<u>ULTRABLAZER HERBICIDE</u>	Acifluorfen	70506-60
<u>BALAN DF</u>	Benfluralin	34704-746
<u>GREEN LIGHT AMAZE</u> <u>GRASS & WEED</u> <u>PREVERTER3</u>	Benfluralin	70506-56-73327
<u>HI YIELD CRABGRASS</u> <u>CONTROL</u>	Benfluralin	10163-340-7401
<u>LEBANON TEAM 2G</u> <u>HERBICIDE</u>	Benfluralin	10163-340-961
<u>SURFLAN XL2G</u>	Benfluralin	70506-45
<u>XL2G</u>	Benfluralin	70506-45-38167
<u>ACURON FLEXI</u>	Bicyclopyrone	100-1568
<u>ACURON GT HERBICIDE</u>	Bicyclopyrone	100-1675
<u>ACURON HERBICIDE</u>	Bicyclopyrone	100-1466
<u>OPTOGEN</u>	Bicyclopyrone	100-1465
<u>STOREN</u>	Bicyclopyrone	100-1735
<u>TALINOR</u>	Bicyclopyrone	100-1570
<u>ACENTHRIN INSECTICIDE</u>	Bifenthrin	70506-339
<u>ACETO BIFENTHRIN 2 EC</u>	Bifenthrin	2749-556
<u>ALOFT GC SC INSECTICIDE</u>	Bifenthrin	59639-212
<u>ALOFT LC G INSECTICIDE</u>	Bifenthrin	59639-215
<u>ALOFT LC SC INSECTICIDE</u>	Bifenthrin	59639-213
<u>AMDRO KILLS ANTS &</u> <u>SPIDERS GRANULES</u>	Bifenthrin	228-494-73342
<u>AMDRO QUICK KILL HOME</u> <u>PERIMETER INSECT KILLER</u> <u>GRANULES</u>	Bifenthrin	279-3346-90098
<u>AMDRO QUICK KILL INSECT</u> <u>KILLER FOR HOME</u> <u>PERIMETER</u>	Bifenthrin	279-3346-90098
<u>AMDRO QUICK KILL LAWN</u> <u>INSECT KILLER GRANULES</u>	Bifenthrin	53883-194-90098
<u>AMDRO QUICK KILL LAWN</u> <u>INSECT KILLER GRANULSII</u>	Bifenthrin	279-3614-90098
<u>AMDRO QUICK KILLER ANT</u> <u>& SPIDER KILLER SHAKER</u> <u>BAG</u>	Bifenthrin	53883-194-90098
<u>AMERICAN BIFENTHRIN</u> <u>GRANULES</u>	Bifenthrin	228-498-7401
<u>Argyle OD Insecticide</u>	Bifenthrin	70506-346
<u>ASCERTAIN TR</u>	Bifenthrin	91234-70

<u>ATHENA</u>		
<u>INSECTICIDE/MITICIDE</u>	Bifenthrin	279-3356
<u>AVALON GOLF & NURSERY</u>		
<u>INSECTICIDE</u>	Bifenthrin	279-3155-72112
<u>AVALON INSECTICIDE</u>	Bifenthrin	279-3206-72112
<u>AVENGER BOLD S3</u>	Bifenthrin	89168-34-89391
<u>AVENGER MAX</u>	Bifenthrin	89168-85-89391
<u>BASB 3 IN 1 INSECT</u>		
<u>DISEASE & PLANT MITE</u>		
<u>CONTROL 1 READY TO USE</u>	Bifenthrin	92564-84
<u>BASB 3 IN 1 INSECT</u>		
<u>DISEASE & PLANT MITE</u>		
<u>CONTROL CONCENTRATE II</u>	Bifenthrin	92564-83
<u>BASB 3 IN 1 INSECT</u>		
<u>DISEASE & PLANT MITE</u>		
<u>CONTROL READY TO SPRAY</u>		
<u>II</u>	Bifenthrin	92564-83
<u>BASB ALL IN ONE ROSE &</u>		
<u>FLOWER PLANT CARE</u>		
<u>READY TO USE</u>	Bifenthrin	92564-84
<u>BASB ALL IN ONE ROSE &</u>		
<u>FLOWER PLANT READY TO</u>		
<u>USE</u>	Bifenthrin	92564-83
<u>BASB ALL IN ONE ROSE &</u>		
<u>FLOWER PLANT SPRAY</u>		
<u>CONCENTRATE I</u>	Bifenthrin	92564-83
<u>BASB COMPLETE BRAND</u>		
<u>INSECT KILLER FOR USE ON</u>		
<u>LAWNS READY TO SPREAD</u>		
<u>GRANULES</u>	Bifenthrin	53883-194-92564
<u>BASB COMPLETE INSECT</u>		
<u>KILLER FOR SOIL & TURF</u>		
<u>READY TO USE GRANULES I</u>	Bifenthrin	9198-234-92564
<u>BASB LAWN & WEED &</u>		
<u>INSECT KILLER</u>		
<u>CONCENTRATE</u>	Bifenthrin	92564-79
<u>BASB LAWN WEED &</u>		
<u>INSECT KILLER READY TO</u>		
<u>SPRAY</u>	Bifenthrin	92564-79
<u>BASELINE INSECTICIDE</u>	Bifenthrin	279-3177
<u>BATALLION 10 WSP</u>	Bifenthrin	91234-117
<u>BATALLION 2 EC</u>	Bifenthrin	91234-104
<u>BI-DASH 2E</u>	Bifenthrin	83529-48
<u>BI-DASH SPECIALITY</u>	Bifenthrin	83529-60
<u>BIFEN 2 AG GOLD</u>	Bifenthrin	83222-1
<u>BIFEN 2EC GN SELECT</u>	Bifenthrin	42750-394-89442
<u>BIFEN 2EC SELECT</u>	Bifenthrin	42750-395-89442
<u>BIFEN 7.9F SELECT</u>	Bifenthrin	89442-23
<u>BIFEN G/N 7.9F SELECT</u>	Bifenthrin	89442-24

<u>BIFEN I/T</u>		
<u>INSECTICIDE/TERMITICIDE</u>	Bifenthrin	53883-118
<u>BIFEN L/P INSECTICIDE</u>		
<u>GRANULES</u>	Bifenthrin	53883-124
<u>BIFEN XTS</u>		
<u>INSECTICIDE/TERMITICIDE</u>	Bifenthrin	53883-189
<u>BIFENDER FC 3.1</u>	Bifenthrin	89118-13
<u>BIFENDER FC INSECTICIDE</u>	Bifenthrin	89118-2
<u>BIFENTHRIN 2EC</u>		
<u>INSECTICIDE MITICIDE</u>	Bifenthrin	42750-368-55467
<u>BIFENTHRIN PLUS C</u>	Bifenthrin	55431-16
<u>BIFENTURE 10DF</u>		
<u>INSECTICIDE/MITICIDE</u>	Bifenthrin	70506-227
<u>BIFENTURE EC</u>	Bifenthrin	70506-57
<u>BIFENTURE LFC -RUP</u>	Bifenthrin	70506-305
<u>BISECT L</u>	Bifenthrin	34704-955
<u>BITHOR SC</u>	Bifenthrin	83923-2
<u>BRIGADE 2EC</u>		
<u>INSECTICIDE/MITICIDE</u>	Bifenthrin	279-3313
<u>BRIGADE WSB</u>		
<u>INSECTICIDE/MITICIDE</u>	Bifenthrin	279-3108
<u>BRIGADIER INSECTICIDE</u>	Bifenthrin	279-3332
<u>BUG B GON INSECT KILLER</u>		
<u>LAWN&GARDEN</u>		
<u>CONCENTRATE</u>	Bifenthrin	239-2718
<u>CAPTURE 3RIVE 3D</u>	Bifenthrin	279-3467
<u>CAPTURE LFR INSECTICIDE</u>	Bifenthrin	279-3302
<u>COMPARE N SAVE INDOOR</u>		
<u>OUTDOOR INSECT</u>		
<u>CONCENTRATE</u>	Bifenthrin	84009-32
<u>DISCIPLINE 2EC</u>	Bifenthrin	5481-517
<u>DURA FLEX ZC</u>	Bifenthrin	53883-426
<u>DURAFLEX CS</u>	Bifenthrin	53883-426
<u>DURATURF INSECT & FEED</u>	Bifenthrin	53883-160-4
<u>ELEVEST INSECT CONTROL</u>	Bifenthrin	279-9652
<u>ELIMINATOR ANT FLEA &</u>		
<u>TICK KILLER PLUS</u>		
<u>GRANULES</u>	Bifenthrin	53883-121-59144
<u>ETHOS 3D INSECTICIDE</u>		
<u>FUNGICIDE</u>	Bifenthrin	279-3632
<u>ETHOS ELITE LFR</u>		
<u>INSECTICIDE/BIOFUNGICID</u>		
<u>E</u>	Bifenthrin	279-9651
<u>ETHOS XB</u>		
<u>INSECTICIDE/FUNGICIDE</u>	Bifenthrin	279-3473
<u>F4092-3</u>	Bifenthrin	279-9651
<u>FANFARE EC</u>	Bifenthrin	66222-261

<u>FARM GENERAL INDOOR</u>		
<u>OUTDOOR INSECT</u>		
<u>CONCENTRATE</u>	Bifenthrin	84009-32
<u>FLEE READY TO USE YARD</u>		
<u>SPRAY</u>	Bifenthrin	53883-228
<u>GARDEN TECH SEVIN</u>		
<u>INSECT KILLER DUST READY</u>		
<u>TO USE</u>	Bifenthrin	53883-484-71004
<u>GARDENTECH OVER N OUT</u>		
<u>ADVANCED FIRE & KILL</u>		
<u>MOUND ELIMINATO</u>	Bifenthrin	279-3344-71004
<u>GARDENTECH OVER'N OUT</u>		
<u>ADVANCED FIRE ANT</u>		
<u>KILLER</u>	Bifenthrin	279-3344-71004
<u>GARDENTECH SEVIN</u>		
<u>GARDEN PERIMETER</u>		
<u>INSECT KILLER GRANULES</u>	Bifenthrin	279-3346-71004
<u>GARDENTECH SEVIN</u>		
<u>INSECT KILLER LAWN</u>		
<u>GRANULES</u>	Bifenthrin	279-3346-71004
<u>GCS BIFENTHRIN 2EC</u>	Bifenthrin	94730-8
<u>GCS BIFENTHRIN LFC</u>	Bifenthrin	94730-21
<u>HERO EW INSECTICIDE</u>	Bifenthrin	279-3329
<u>HERO INSECTICIDE</u>	Bifenthrin	279-3315
<u>HI-YIELD BUG BLASTER II</u>		
<u>BIFENTHRIN 2.4 READY TO</u>		
<u>SPRAY</u>	Bifenthrin	53883-472-7401
<u>HI-YIELD FIRE ANT</u>		
<u>CONTROL GRANULES</u>	Bifenthrin	279-3636-7401
<u>HI-YIELD TURF RANGER II</u>	Bifenthrin	279-3636-7401
<u>HI-YIELD VEGE &</u>		
<u>ORNAMENTAL INSECT</u>		
<u>CONTROL GRANULES</u>	Bifenthrin	228-494-7401
<u>HOME DEFENSE MAX</u>		
<u>TERMITE&DESTRUCT BUG</u>		
<u>KILLER</u>	Bifenthrin	279-3218-239
<u>HOWARD JOHNSONS</u>		
<u>BIFENTHRIN PL GRANULAR</u>	Bifenthrin	53883-124-32802
<u>INDEX LIQUID AT-PLANT</u>		
<u>INSECTICIDE</u>	Bifenthrin	5481-587
<u>KNOCKOUT ANT FLEA &</u>		
<u>TICK KILLER II GRANULES</u>	Bifenthrin	228-494-59144
<u>LANCER 2EC</u>	Bifenthrin	42750-368
<u>LESCO CROSSCHECK EZ</u>		
<u>GRANULAR INSECTICIDE</u>	Bifenthrin	279-3168-10404
<u>LESCO CROSSCHECK PL</u>		
<u>GRANULAR INSECTICIDE</u>	Bifenthrin	279-3168-10404
<u>LESCO CROSSCHECK PLUS</u>		
<u>MULTI-INSECTICIDE</u>	Bifenthrin	279-3206-10404

<u>LIQUID HARVEST PRO</u>		
<u>INDOOR & OUTDOOR</u>		
<u>INSECT CONTROL</u>	Bifenthrin	42750-369-72838
<u>MASTERLINE B MAXXPRO</u>		
<u>TERMITICIDE/INSECTICIDE</u>	Bifenthrin	279-3206-73748
<u>MASTERLINE BIFENTHRIN</u>		
<u>7.9</u>		
<u>TERMITICIDE/INSECTICIDE</u>	Bifenthrin	73748-7
<u>MAXXTHOR SC</u>	Bifenthrin	81824-5
<u>MAXXTHOR SG</u>	Bifenthrin	81824-3
<u>MISS MUFFETS REVENGE</u>	Bifenthrin	84115-2-85342
<u>MONTEREY MOSQUITO</u>		
<u>CONTROL READY TO USE</u>	Bifenthrin	53883-185-54705
<u>NIRVANA COMPLETE</u>	Bifenthrin	89168-129-89391
<u>NIRVANA READY TO USE</u>	Bifenthrin	89168-36-89391
<u>NIRVANA READY TO USE</u>		
<u>INSECTICIDE</u>	Bifenthrin	91234-177-89391
<u>OMNI BRAND BIFENTHRIN</u>		
<u>2EC</u>	Bifenthrin	5905-626
<u>ONYXPRO INSECTICIDE</u>	Bifenthrin	279-4269
<u>ORTHO BUG B GON INSECT</u>		
<u>KILL FOR LAWNS &</u>		
<u>GARDENS CONCENTRATE</u>	Bifenthrin	279-9535-239
<u>ORTHO BUG B GON INSECT</u>		
<u>KILLER FOR INDOOR &</u>		
<u>PERIMETER</u>	Bifenthrin	239-2766
<u>ORTHO BUG B GON INSECT</u>		
<u>KILLER FOR INDOOR &</u>		
<u>PERIMETER1</u>	Bifenthrin	239-2699
<u>ORTHO BUG B GON INSECT</u>		
<u>KILLER FOR LAWNS &</u>		
<u>GARDENS READY TO SPRAY</u>	Bifenthrin	239-2718
<u>ORTHO BUG B GON INSECT</u>		
<u>KILLER FOR</u>		
<u>LAWNS&GARDENS READY</u>		
<u>TO SPR</u>	Bifenthrin	279-9535-239
<u>ORTHO BUG B GON INSECT</u>		
<u>KILLER FOR LAWNS3</u>	Bifenthrin	239-2726
<u>ORTHO BUG B GON LAWN</u>		
<u>& LANDSCAPE INSECT</u>		
<u>KILLER CONCENTRATE</u>	Bifenthrin	239-2718
<u>ORTHO BUG B GON LAWN</u>		
<u>INSECT KILLER</u>	Bifenthrin	239-2764
<u>ORTHO BUG-B-GON MAX</u>		
<u>INSECT KILLER LAWNS</u>	Bifenthrin	279-3240-239
<u>ORTHO BUGCLEAR INSECT</u>		
<u>KILLER FOR LAWNS &</u>		
<u>LANDSCAPES</u>		
<u>CONCENTRATE</u>	Bifenthrin	239-2718

<u>ORTHO BUGCLEAR INSECT KILLER FOR LAWNS & LANDSCAPES READY TO SPRAY</u>	Bifenthrin	239-2718
<u>ORTHO BUGCLEAR LAWN INSECT KILLER</u>	Bifenthrin	239-2726
<u>ORTHO BUGCLEAR LAWN INSECT KILLER1</u>	Bifenthrin	239-2764
<u>ORTHO BUGCLEAR MISTING INSECT KILLER</u>	Bifenthrin	239-2747
<u>ORTHO HOME DEF INSECT KILLER FOR LAWN&LANDSCAPING READY TO S</u>	Bifenthrin	239-2718
<u>ORTHO HOME DEFENSE BACKYARD MOSQUITO & BUG KILLER CONCENTRAT</u>	Bifenthrin	239-2718
<u>ORTHO HOME DEFENSE BACKYARD MOSQUITO & BUG KILLER READY TO SPRAY</u>	Bifenthrin	239-2718
<u>ORTHO HOME DEFENSE INSECT KILLER FOR INDOOR & PERIMETER CONCENTRATE</u>	Bifenthrin	239-2774
<u>ORTHO HOME DEFENSE INSECT KILLER FOR INDOOR & PERIMETER REF2</u>	Bifenthrin	239-2717
<u>ORTHO HOME DEFENSE INSECT KILLER FOR INDOOR & PERIMETER REFILL3</u>	Bifenthrin	239-2717
<u>ORTHO HOME DEFENSE INSECT KILLER FOR INDOOR & PERIMETER2</u>	Bifenthrin	239-2717
<u>ORTHO HOME DEFENSE INSECT KILLER FOR LAWN & LANDSCAPE CONCENTRATE</u>	Bifenthrin	239-2718
<u>ORTHO HOME DEFENSE INSECT KILLER FOR LAWN&LANDSCAPING CONCEN</u>	Bifenthrin	239-2718
<u>ORTHO HOME DEFENSE INSECT KILLER FOR LAWNS GRANULES</u>	Bifenthrin	239-2726
<u>ORTHO HOME DEFENSE INSECT KILLER GRANULES3</u>	Bifenthrin	239-2726

<u>ORTHO HOME DEFENSE</u> <u>MAX ANT, ROACH &</u> <u>SPIDER1</u>	Bifenthrin	239-2699
<u>ORTHO HOME DEFENSE</u> <u>MAX BED BUG FLEA & TICK</u> <u>KILLER</u>	Bifenthrin	239-2746
<u>ORTHO HOME DEFENSE</u> <u>MAX INDOOR INSECT</u> <u>BARRIER</u>	Bifenthrin	239-2699
<u>ORTHO HOME DEFENSE</u> <u>MAX INSECT KILLER FOR</u> <u>INDOOR&PERIMETER 1</u>	Bifenthrin	279-9534-239
<u>ORTHO HOME DEFENSE</u> <u>TERMITE & DESTRUCTIVE</u> <u>BUG KILLER</u>	Bifenthrin	239-2728
<u>ORTHO LAWN INSECT</u> <u>KILLER GRANULES</u>	Bifenthrin	239-2726
<u>ORTHO MAX PRO</u>	Bifenthrin	279-3206
<u>ORTHO OUTDOOR INSECT</u> <u>KILLER CONCENTRATE</u>	Bifenthrin	239-2685
<u>ORTHO OUTDOOR INSECT</u> <u>KILLER READY TO SPRAY</u>	Bifenthrin	239-2685
<u>PETARMOR HOME YARD &</u> <u>PREMISE SPRAY</u>	Bifenthrin	53883-228-2517
<u>PETARMOR PLUS</u> <u>SHAMPOO FOR DOGS</u> <u>GREEN TEA & GINGER</u>	Bifenthrin	2517-138
<u>PREEN WEED PREVENTER</u> <u>PLUS ANT, FLEA & TICK</u> <u>CONTROL</u>	Bifenthrin	961-423
<u>PROCARE BIFEN 7.9</u> <u>INSECTICIDE</u> <u>CONCENTRATE</u>	Bifenthrin	279-3206-59144
<u>QUALI-PRO BIFENTHRIN</u> <u>GOLF & NURSERY 7.9F</u>	Bifenthrin	53883-366
<u>QUALI-PRO BIFENTHRIN I/T</u> <u>7.9F</u>	Bifenthrin	53883-365
<u>REVEAL</u>	Bifenthrin	89168-19-89391
<u>REVEAL ENDURX</u>	Bifenthrin	89168-19-89391
<u>RIDGEBACK</u>	Bifenthrin	62719-749
<u>ROUNDUP FOR LAWNS</u> <u>BUG & GRUB DESTROYER</u>	Bifenthrin	239-2701-538
<u>ROUNDUP FOR LAWNS</u> <u>BUG DESTROYER</u>	Bifenthrin	239-2701-538
<u>RUCKUS LFR</u>	Bifenthrin	279-3302-5905
<u>SENTRY HOME</u> <u>YARD&PREMISE SPRAY</u> <u>CONCENTRATE</u>	Bifenthrin	53883-228-2517

<u>SHOCKWAVE 1 FLUSHING,</u>		
<u>KILLING & RESIDUAL</u>		
<u>AEROSOL</u>	Bifenthrin	1021-2804
<u>SIGNATURE BIFENTHRIN</u>	Bifenthrin	34704-858
<u>SMARTCHOICE HC HIGHER</u>		
<u>CONCENTRATION</u>		
<u>GRANULES</u>	Bifenthrin	5481-579
<u>SNAP PAC INSECT KILLER</u>		
<u>FOR LAWNS</u>	Bifenthrin	538-312
<u>SNIPER</u>	Bifenthrin	34704-858
<u>SNIPER HELIOS</u>	Bifenthrin	34704-858
<u>SNIPER LFR</u>	Bifenthrin	34704-1089
<u>SPECTRACIDE LARGE PLOT</u>		
<u>TRIAZICIDE INSECT KILLER</u>		
<u>FOR LAWNS &</u>		
<u>LANDSCAPES GRANULES</u>	Bifenthrin	279-3614-8845
<u>SPECTRACIDE TRIAZICIDE</u>		
<u>INSECT KILLER FOR LAWNS</u>		
<u>& LANDSCAPES GRANULES</u>	Bifenthrin	279-3614-8845
<u>STARTUP BIFEN SEED</u>		
<u>TREATMENT</u>	Bifenthrin	70506-383
<u>STEED INSECTICIDE</u>	Bifenthrin	279-3380
<u>SUBCID INSECTICIDE</u>	Bifenthrin	83529-60-102734
<u>SWAGGER</u>	Bifenthrin	34704-1045
<u>TALAK 7.9% F</u>	Bifenthrin	91234-145
<u>TALAK 7.9% INDOOR</u>		
<u>OUTDOOR INSECT</u>		
<u>CONTROL</u>	Bifenthrin	91234-145
<u>TALSTAR NURSERY</u>		
<u>GRANULAR INSECTICIDE</u>	Bifenthrin	279-3130
<u>TALSTAR PL GRANULAR</u>		
<u>INSECTICIDE</u>	Bifenthrin	279-3168
<u>TALSTAR PROFESSIONAL</u>		
<u>INSECTICIDE</u>	Bifenthrin	279-3206
<u>TALSTAR SELECT</u>		
<u>INSECTICIDE</u>	Bifenthrin	279-3155
<u>TALSTAR XTRA GC</u>		
<u>GRANULAR INSECTICIDE</u>	Bifenthrin	279-9547
<u>TALSTAR XTRA GRANULAR</u>		
<u>INSECTICIDE</u>	Bifenthrin	279-9552
<u>TEMITRY LFR</u>		
<u>INSECT/FUNGICIDE</u>	Bifenthrin	279-3478
<u>TEMPEST</u>	Bifenthrin	279-3459-5905
<u>TEMPEST DUAL-ACTION</u>		
<u>INSECTICIDE</u>	Bifenthrin	279-3459-5905
<u>THE ANDERSONS TURF</u>		
<u>PRODUCTS DUOCIDE</u>		
<u>INSECT CONTROL</u>	Bifenthrin	9198-235
<u>THISTLEDOWN</u>	Bifenthrin	228-481-54705

<u>TIMBERTREAT BF 234</u>	Bifenthrin	279-3281-92617
<u>TOMCAT INDOOR INSECT PREVENTER</u>	Bifenthrin	239-2699-90780
<u>TOTAL PEST CONTROL</u>	Bifenthrin	98985-6-86869
<u>TOTALITY WOOD TREATMENT</u>	Bifenthrin	279-3281
<u>TRANSPORRT MIKRON INSECTICIDE</u>	Bifenthrin	8033-109-279
<u>TRANSPORT GHP INSECTICIDE</u>	Bifenthrin	8033-96-279
<u>TRANSPORT TERMITICIDE INSECTICIDE</u>	Bifenthrin	8033-96-279
<u>TRIPLE CROWN GOLF INSECTICIDE</u>	Bifenthrin	279-3457
<u>TRIPLE CROWN T&O INSECTICIDE</u>	Bifenthrin	279-3456
<u>TUNDRA EC</u>	Bifenthrin	1381-196
<u>TUNDRA LFC</u>	Bifenthrin	70506-305-1381
<u>UP-STAR GOLD GRANULAR INSECTICIDE</u>	Bifenthrin	70506-73
<u>UP-STAR GOLD INSECTICIDE</u>	Bifenthrin	70506-24
<u>UP-STAR SC LAWN&NURSERY INSECT/MITICIDE</u>	Bifenthrin	70506-23
<u>WILLOWOOD BIFENTHRIN 2EC</u>	Bifenthrin	87290-54
<u>WISDOM 2EC INSECTICIDE/MITICIDE</u>	Bifenthrin	5481-592
<u>WISDOM EZ</u>	Bifenthrin	5481-521
<u>WISDOM FLOWABLE</u>	Bifenthrin	5481-519
<u>WISDOM G L/N</u>	Bifenthrin	5481-683
<u>WISDOM LAWN GRANULAR INSECTICIDE</u>	Bifenthrin	5481-521
<u>WISDOM NURSERY GRANULAR INSECTICIDE</u>	Bifenthrin	5481-522
<u>WISDOM TC FLOWABLE</u>	Bifenthrin	5481-520
<u>XPEDIENT PLUS V</u>	Bifenthrin	5481-609
<u>CIMEGRA INSECTICIDE</u>	Broflanilide	7969-420
<u>NURIZMA INSECTICIDE</u>	Broflanilide	7969-423
<u>TERAXXA 4F SEED TREATMENT</u>	Broflanilide	7969-419
<u>TERAXXA SEED TREATMENT</u>	Broflanilide	7969-418
<u>CANNON II SOFT BAIT</u>	Bromethalin	7173-310
<u>CANNON SOFT BAIT</u>	Bromethalin	7173-304
<u>CYKILL PLACE PACKS KILLS RATS & MICE</u>	Bromethalin	36488-53-61282

<u>FARNAM JUST ONE BITE EX</u> <u>BAIT BLOCKS</u>	Bromethalin	61282-75-89459
<u>FARNAM JUST ONE BITE EX</u> <u>BAIT STATION</u>	Bromethalin	61282-91-89459
<u>FARNAM JUST ONE BITE EX</u> <u>PELLET PLACE PACKS</u>	Bromethalin	61282-87-89459
<u>FASTRAC ALL-WEATHER</u> <u>BLOX</u>	Bromethalin	12455-95
<u>FASTRAC PELLETS</u>	Bromethalin	12455-137
<u>FASTRAC PLACE PACS</u>	Bromethalin	12455-97
<u>FASTRAC SOFT BAIT</u>	Bromethalin	12455-149
<u>GUNSLINGER MINI BLOCKS</u>	Bromethalin	7173-301
<u>JT EATON ANSWER KILLS</u> <u>MICE W/ REUSABLE BAIT</u> <u>STATION</u>	Bromethalin	61282-97-56
<u>MOTOMCO MOLE KILLER</u>	Bromethalin	12455-101-3240
<u>PROWLER ALL WEATHER</u> <u>RODENT BLOCK</u>	Bromethalin	12455-154-3240
<u>PROWLER BAIT CHUNX</u>	Bromethalin	12455-95-3240
<u>PROWLER BAIT CHUNX I</u>	Bromethalin	12455-150-3240
<u>PROWLER MOUSE KILLER</u>	Bromethalin	12455-152-3240
<u>PROWLER PELLETTED BAIT</u>	Bromethalin	12455-137-3240
<u>PROWLER PLACE PACS</u>	Bromethalin	12455-97-3240
<u>PROWLER RAT & MOUSE</u> <u>KILLER</u>	Bromethalin	12455-160-3240
<u>PROWLER REFILLABLE</u> <u>ROCK BAIT STATION</u>	Bromethalin	12455-161-3240
<u>PROWLER SOFT BAIT</u>	Bromethalin	12455-149-3240
<u>RAMPAGE ALL-WEATHER</u> <u>BAIT CHUNX</u>	Bromethalin	12455-95-3240
<u>RAMPAGE MEAL BAIT</u>	Bromethalin	12455-141-3240
<u>RAMPAGE PELLETTED BAIT</u>	Bromethalin	12455-137-3240
<u>RAMPAGE RODENTICIDE</u> <u>PLACE PACS</u>	Bromethalin	12455-97-3240
<u>RAMPAGE SOFT BAIT</u>	Bromethalin	12455-149-3240
<u>SUREKILL BRAND ASSUALT</u> <u>BLOCKS</u>	Bromethalin	61282-75
<u>T1 MOUSE</u>	Bromethalin	12455-121
<u>T1 RAT</u>	Bromethalin	12455-122
<u>TAKEDOWN II MINI BLOCKS</u>	Bromethalin	7173-312
<u>TAKEDOWN II SOFT BAIT</u>	Bromethalin	7173-310
<u>TAKEDOWN SOFT BAIT</u>	Bromethalin	7173-304
<u>TALPIRID</u>	Bromethalin	12455-101
<u>TOMCAT ADVANCED</u> <u>BRAND MOUSE BAIT W/</u> <u>DISPOSABLE STATION</u>	Bromethalin	90780-15

<u>TOMCAT ADVANCED BRAND MOUSE BAIT W/ REFILLABLE STATION</u>	Bromethalin	90780-16
<u>TOMCAT ADVANCED BRAND RAT & MOUSE BAIT W/ DISPOSABLE STATION</u>	Bromethalin	90780-13
<u>TOMCAT ADVANCED BRAND RAT & MOUSE BAIT W/ REFILLABLE STATION</u>	Bromethalin	90780-14
<u>TOMCAT MOLE KILLER GRUBS</u>	Bromethalin	90780-2
<u>TOMCAT MOUSE KILLER</u>	Bromethalin	12455-121-3240
<u>TOMCAT MOUSE KILLER CHILD & DOG RESISTANT, DISPOSABLE STATIO</u>	Bromethalin	90780-6
<u>TOMCAT MOUSE KILLER CHILD & DOG RESISTANT, REFILLABLE STATIO</u>	Bromethalin	90780-10
<u>TOMCAT MOUSE KILLER CHILD RESISTANT, DISPOSABLE STATION</u>	Bromethalin	90780-7
<u>TOMCAT MOUSE KILLER CHILD RESISTANT, REFILLABLE STATION</u>	Bromethalin	90780-1
<u>TOMCAT MOUSE KILLER DISPOSABLE BAIT STATION</u>	Bromethalin	90780-15
<u>TOMCAT MOUSE KILLER E CHILD RESISTANT, REFILLABLE STATION</u>	Bromethalin	90780-5
<u>TOMCAT MOUSE KILLER I</u>	Bromethalin	12455-120-3240
<u>TOMCAT MOUSE KILLER II</u>	Bromethalin	12455-123-3240
<u>TOMCAT MOUSE KILLER III</u>	Bromethalin	12455-129-3240
<u>TOMCAT MOUSE KILLER REFILLABLE BAIT STATION</u>	Bromethalin	90780-16
<u>TOMCAT RAT & MOUSE KILLER CHILD & DOG RESISTANT, DISPOSABLE</u>	Bromethalin	90780-9
<u>TOMCAT RAT & MOUSE KILLER CHILD & DOG RESISTANT, REFILLABLE</u>	Bromethalin	90780-11
<u>TOMCAT RAT & MOUSE KILLER DISPOSABLE BAIT STATION</u>	Bromethalin	90780-13
<u>TOMCAT RAT & MOUSE KILLER REFILLABLE BAIT STATION</u>	Bromethalin	90780-14
<u>TOMCAT RAT & MOUSE KILLER REFILLABLE ROCKSCAPE BAIT STATION</u>	Bromethalin	90780-12

<u>TOMCAT RAT KILLER</u>	Bromethalin	12455-122-3240
<u>TOMCAT RAT KILLER II -</u>		
<u>KILLS RATS & MICE</u>	Bromethalin	12455-140-3240
<u>TOMCAT W/</u>		
<u>BROMETHALIN BAIT</u>		
<u>CHUNX</u>	Bromethalin	12455-132-3240
<u>TOMCAT W/</u>		
<u>BROMETHALIN PELLETED</u>		
<u>BAIT</u>	Bromethalin	12455-96-3240
<u>TOMCAT W/BROMETHALIN</u>		
<u>MEAL BAIT</u>	Bromethalin	12455-141-3240
<u>TOMCAT W/BROMETHALIN</u>		
<u>PACS</u>	Bromethalin	12455-143-3240
<u>TOP GUN ALL-WEATHER</u>		
<u>RODENTICIDE BAIT BLOCK</u>	Bromethalin	61282-75-56
<u>TOP GUN PELLET PLACE</u>		
<u>PACKS RODENTICIDE</u>	Bromethalin	61282-81-56
<u>VICTOR MOLEWORMS</u>		
<u>KILLS MOLES</u>	Bromethalin	149-19
<u>VICTOR V FAST-KILL BRAND</u>		
<u>DISPOSABLE BAIT STATION</u>	Bromethalin	36488-68
<u>VICTOR V FAST-KILL BRAND</u>		
<u>REFILLABLE MOUSE BAIT</u>		
<u>STATION</u>	Bromethalin	36488-69
<u>VICTOR V FAST-KILL BRAND</u>		
<u>REFILLABLE RAT BAIT</u>		
<u>STATION</u>	Bromethalin	36488-70
<u>VICTOR V POISON</u>		
<u>MOLEWORMS</u>	Bromethalin	149-19
<u>ELUSION 2 SC</u>		91234-238
<u>PHANTOM TERMITICIDE</u>		
<u>INSECTICIDE</u>	Chlorfenapyr	241-392
<u>PISTON</u>	Chlorfenapyr	91234-19
<u>PISTON TR</u>	Chlorfenapyr	91234-66
<u>PT PHANTOM II</u>		
<u>PRESSURIZED INSECTICIDE</u>	Chlorfenapyr	499-548
<u>PYLON MITICIDE</u>		
<u>INSECTICIDE</u>	Chlorfenapyr	241-374
<u>PYLON TR TOTAL RELEASE</u>		
<u>MITICIDE/INSECTICIDE</u>	Chlorfenapyr	499-544
<u>SPECTRE 2 SC</u>	Chlorfenapyr	91234-24-53883
<u>SPECTRE PS</u>	Chlorfenapyr	91234-23-53883
<u>TORINO FUNGICIDE</u>	Cyflufenamid	8033-103-10163
<u>NEALTA MITICIDE</u>	Cyflumetofen	7969-336
<u>SULTAN MITICIDE</u>	Cyflumetofen	7969-337
<u>BASB SEASON LONG LAWN</u>		
<u>WEED KILLER &</u>		
<u>PREVENTER</u>	Dithiopyr	92564-75

<u>BONIDE DURATURE</u>		
<u>CRABGRASS&WEED</u>		
<u>PREVEVT FOR</u>		
<u>LAWN&ORNAMENTAL B</u>	Dithiopyr	62719-429-4
<u>CREW AI ISOXABEN</u>		
<u>DITHIOPYR</u>	Dithiopyr	62719-742
<u>DIMENSION 0.27G TURF &</u>		
<u>ORNAMENTAL</u>		
<u>HERBICIDE(702265)</u>	Dithiopyr	62719-429-10404
<u>DIMENSION 2EW</u>	Dithiopyr	62719-542
<u>DIMENSION EC</u>	Dithiopyr	62719-426
<u>DIMENSION ULTRA 40WP</u>	Dithiopyr	62719-445
<u>DITHIOPYR 2EW</u>	Dithiopyr	53883-500
<u>DURATURE CRABGRASS</u>		
<u>PLUS CRABGRASS &</u>		
<u>BROADLEAF WEED KILLER</u>	Dithiopyr	2217-973-4
<u>FORTRESS</u>	Dithiopyr	59807-19
<u>HI-YIELD</u>		
<u>TURF&ORNA.WEED&GRAS</u>		
<u>S STOPPER</u>	Dithiopyr	62719-483-7401
<u>HOWARD JOHNSONS</u>		
<u>DIMENSION 0.27G T&O</u>	Dithiopyr	62719-429-32802
<u>LEBANON DIMENSION</u>		
<u>.27G TURF &ORNA</u>		
<u>HERBICIDE</u>	Dithiopyr	62719-429-961
<u>MAXUNITECH DITHIOPYR 2</u>		
<u>EW</u>	Dithiopyr	95009-6
<u>PREEN LAWN CRABGRASS</u>		
<u>CONTROL</u>	Dithiopyr	961-417
<u>PREEN WEED PREVENTER</u>		
<u>PLUS ANT, FLEA & TICK</u>		
<u>CONTROL</u>	Dithiopyr	961-423
<u>PROCARE CRABGRASS &</u>		
<u>WEED PREVENTER</u>	Dithiopyr	53883-208-59144
<u>QUALI-PRO DITHIOPYR 40</u>		
<u>WSB</u>	Dithiopyr	53883-374
<u>QUALI-PRO DITHIOPYRL</u>	Dithiopyr	53883-399
<u>SEASON LONG WEED</u>		
<u>PREVENTER</u>	Dithiopyr	62719-429-50931
<u>SHAWS TURF FOOD W/</u>		
<u>0.067% ACELEPRYN</u>		
<u>30-0-19</u>	Dithiopyr	8378-74
<u>SHAWS TURF FOOD W/</u>		
<u>DIMENSION 250 28-0-10</u>	Dithiopyr	8378-51
<u>SPECTRACIDE WEED STOP</u>		
<u>FOR LAWNS PLUS</u>		
<u>CRABGRASS PREVENTOR</u>		
<u>GRANULES</u>	Dithiopyr	2217-858-8845

<u>VIGORO CRABGRASS & WEED PREVENTER</u>	Dithiopyr	73327-6
<u>CURBIT EC HERBICIDE</u>	Ethalfuralin	34704-610
<u>SONALAN HFP</u>	Ethalfuralin	10163-356
<u>STRATEGY</u>	Ethalfuralin	34704-836
<u>AGENDA SC</u>	Fipronil	93182-23-101563
<u>AMAZON BASICS FLEA & TICK TOPICAL FOR CATS OVER 1.5 LBS</u>	Fipronil	2517-135-84742
<u>AMAZON BASICS FLEA & TICK TOPICAL FOR DOGS EXTRA LARGE 89-132 LB</u>	Fipronil	2517-134-84742
<u>AMAZON BASICS FLEA & TICK TOPICAL FOR DOGS MEDIUM 23-44 LBS</u>	Fipronil	2517-134-84742
<u>AMAZON BASICS FLEA & TICK TOPICAL FOR DOGS SMALL 5-22 LBS</u>	Fipronil	2517-134-84742
<u>AMAZON BASICS FLEA & TICK TOPICAL FOR DOGS LARGE 45-88 LBS</u>	Fipronil	2517-134-84742
<u>AMDRO QUICK KILL INDOOR OUTDOOR CARPENTER BEE, ANT & TERMITE</u>	Fipronil	87093-7-90098
<u>APEX PLUS FOR CATS OVER 1.5 LBS.</u>	Fipronil	53883-352-103215
<u>APEX PLUS FOR DOGS 23-44 LBS.</u>	Fipronil	53883-351-103215
<u>APEX PLUS FOR DOGS 45-88 LBS.</u>	Fipronil	53883-351-103215
<u>APEX PLUS FOR DOGS 5-22 LBS.</u>	Fipronil	53883-351-103215
<u>APEX PLUS FOR DOGS 89-132 LBS.</u>	Fipronil	53883-351-103215
<u>BARK BRIGHT FLEA & TICK TOPICAL FOR DOGS 23-44 LBS</u>	Fipronil	2517-134-84742
<u>BARK BRIGHT FLEA & TICK TOPICAL FOR DOGS 45-88 LBS</u>	Fipronil	2517-134-84742
<u>BARK BRIGHT FLEA & TICK TOPICAL FOR DOGS 5-22 LBS</u>	Fipronil	2517-134-84742
<u>BARK BRIGHT FLEA & TICK TOPICAL FOR DOGS 89-132 LBS</u>	Fipronil	2517-134-84742
<u>CATEGO</u>	Fipronil	83399-15
<u>COMBAT 12 MONTH 1</u>	Fipronil	64240-32

<u>COMBAT ANT KILLING BAIT STRIPS</u>	Fipronil	64240-68
<u>COMBAT DEFENSE SYSTEM BRAND(COMBO PACK)</u>	Fipronil	64240-33
<u>COMBAT MAX 12 MONTH ROACH KILLING BAIT</u>	Fipronil	64240-32
<u>COMBAT MAX 2 IN 1 ANT BAIT</u>	Fipronil	64240-74
<u>COMBAT MAX ANT KILLING BAIT</u>	Fipronil	64240-30
<u>COMBAT MAX ANT KILLING GEL</u>	Fipronil	64240-42
<u>COMBAT MAX ANT KILLING GEL BAIT</u>	Fipronil	64240-71
<u>COMBAT MAX DEFENSE SYSTEM</u>	Fipronil	64240-33
<u>COMBAT MAX ROACH KILLING BAIT L</u>	Fipronil	64240-34
<u>COMBAT MAX ROACH KILLING BAIT S</u>	Fipronil	64240-33
<u>COMBAT MAX ROACH KILLING GEL</u>	Fipronil	64240-45
<u>COMBAT ROACH KILLING BAIT STRIPS</u>	Fipronil	64240-67
<u>COMBAT SOURCE KILL MAX A1</u>	Fipronil	64240-30
<u>COMBAT SOURCE KILL MAX A2</u>	Fipronil	64240-42
<u>COMBAT SOURCE KILL MAX R1</u>	Fipronil	64240-33
<u>COMBAT SOURCE KILL MAX R2</u>	Fipronil	64240-34
<u>COMBAT SOURCE KILL MAX R3</u>	Fipronil	64240-45
<u>COVETRUS PARAMONTHLY PLUS FOR CATS</u>	Fipronil	2596-166-91384
<u>COVETRUS PARAMONTHLY PLUS FOR DOGS 23-44 LBS</u>	Fipronil	2596-165-91384
<u>COVETRUS PARAMONTHLY PLUS FOR DOGS 45-88 LBS</u>	Fipronil	2596-165-91384
<u>COVETRUS PARAMONTHLY PLUS FOR DOGS 5-10 LBS</u>	Fipronil	2596-165-91384
<u>COVETRUS PARAMONTHLY PLUS FOR DOGS 89-132 LBS</u>	Fipronil	2596-165-91384
<u>DUAL STRIKE COCKROACH BAIT</u>	Fipronil	64405-30
<u>EFFIPRO PLUS TOPICAL SOLUTION FOR CATS</u>	Fipronil	2382-188

<u>EFFIPRO PLUS TOPICAL SOLUTION FOR DOGS</u> <u>23-44.9LBS</u>	Fipronil	2382-189
<u>EFFIPRO PLUS TOPICAL SOLUTION FOR DOGS</u> <u>45-88.9LBS</u>	Fipronil	2382-189
<u>EFFIPRO PLUS TOPICAL SOLUTION FOR DOGS</u> <u>5-22.9LBS</u>	Fipronil	2382-189
<u>EFFIPRO PLUS TOPICAL SOLUTION FOR DOGS</u> <u>89.132LBS</u>	Fipronil	2382-189
<u>EFFITIX PLUS TOPICAL SOLUTION FOR DOGS</u> <u>11-22.9LBS</u>	Fipronil	2382-192
<u>EFFITIX PLUS TOPICAL SOLUTION FOR DOGS</u> <u>23-44.9LBS</u>	Fipronil	2382-192
<u>EFFITIX PLUS TOPICAL SOLUTION FOR DOGS</u> <u>45-88.9LBS</u>	Fipronil	2382-192
<u>EFFITIX PLUS TOPICAL SOLUTION FOR DOGS</u> <u>89-139LBS</u>	Fipronil	2382-192
<u>EFFITIX PLUS TOPOICAL SOLUTION FOR DOGS</u> <u>5-10.9LBS</u>	Fipronil	2382-192
<u>FIPRONIL PLUS C</u>	Fipronil	55431-15
<u>FLEA 5X PLUS FOR CATS</u> <u>OVER 1.5 LBS</u>	Fipronil	2517-135-88832
<u>FLEA 5X PLUS FOR DOGS</u> <u>23-44 LBS</u>	Fipronil	2517-134-88832
<u>FLEA 5X PLUS FOR DOGS</u> <u>4-22 LBS</u>	Fipronil	2517-134-88832
<u>FLEA 5X PLUS FOR DOGS</u> <u>45-88 LBS</u>	Fipronil	2517-134-88832
<u>FLEA 5X PLUS FOR DOGS</u> <u>89-132 LBS</u>	Fipronil	2517-134-88832
<u>FLEASTROY</u>	Fipronil	87093-8-92720
<u>FLEE PLUS IGR AEROSOL</u>	Fipronil	87093-8-53883
<u>FLEE PLUS IGR FOR CATS</u>	Fipronil	53883-352
<u>FLEE PLUS IGR FOR DOGS</u> <u>(23-44 LBS)</u>	Fipronil	53883-351
<u>FLEE PLUS IGR FOR DOGS</u> <u>(4-22 LBS)</u>	Fipronil	53883-351
<u>FLEE PLUS IGR FOR DOGS</u> <u>(45-88 LBS)</u>	Fipronil	53883-351
<u>FLEE PLUS IGR FOR DOGS</u> <u>(89-132 LBS)</u>	Fipronil	53883-351

<u>FRONTLINE GOLD FOR CATS</u>	Fipronil	2596-179-65331
<u>FRONTLINE GOLD FOR DOGS</u>	Fipronil	2596-178-65331
<u>FRONTLINE PLUS FOR CATS</u>	Fipronil	65331-4
<u>FRONTLINE PLUS FOR DOGS</u>	Fipronil	65331-5
<u>FRONTLINE SHIELD FOR DOGS</u>	Fipronil	65331-9
<u>FRONTLINE SPRAY TREATMENT</u>	Fipronil	65331-1
<u>FUSE</u>	Fipronil	53883-328
<u>FUSE FOAM</u>	Fipronil	53883-462
<u>ITCH FLEA FOR CATS</u>	Fipronil	88051-5-95071
<u>ITCH FLEA FOR DOGS 23-44 LBS</u>	Fipronil	88051-6-95071
<u>ITCH FLEA FOR DOGS 45-88 LBS</u>	Fipronil	88051-6-95071
<u>ITCH FLEA FOR DOGS 5-22 LBS</u>	Fipronil	88051-6-95071
<u>ITCH FLEA FOR DOGS 89-132 LBS</u>	Fipronil	88051-6-95071
<u>JT EATON BAIT BLOCKS FOR RODENTS & TICKS</u>	Fipronil	72500-30-56
<u>LUVSOME FLEA & TICK FOR CATS OVER 1.5 LBS</u>	Fipronil	2517-135-65948
<u>LUVSOME FLEA & TICK FOR DOGS 23-44 LBS</u>	Fipronil	2517-134-65948
<u>LUVSOME FLEA & TICK FOR DOGS 45-88 LBS</u>	Fipronil	2517-134-65948
<u>LUVSOME FLEA & TICK FOR DOGS 5-22 LBS</u>	Fipronil	2517-134-65948
<u>LUVSOME FLEA & TICK FOR DOGS 89-132 LBS</u>	Fipronil	2517-134-65948
<u>MARTINS FLEA PLUS IGR TRIGGER SPRAY</u>	Fipronil	87093-8-53883
<u>NAVIGATOR SC TERMITCIDE/INSECTICIDE</u>	Fipronil	93182-23
<u>NEXTSTAR FLEA & TICK TOPICAL FOR CATS OVER 3.5 LBS</u>	Fipronil	2517-145-84742
<u>NEXTSTAR FLEA & TICK TOPICAL FOR DOGS LARGE 45-88 LBS</u>	Fipronil	2517-142-84742
<u>NEXTSTAR FLEA & TICK TOPICAL FOR DOGS MEDIUM 23-44 LBS</u>	Fipronil	2517-142-84742

<u>NEXTSTAR FLEA & TICK TOPICAL FOR DOGS SMALL 5-22 LBS</u>	Fipronil	2517-142-84742
<u>NEXTSTAR FLEA & TICK TOPICAL FOR DOGS XLARGE DOGS 89-132 LBS</u>	Fipronil	2517-142-84742
<u>ONGUARD PLUS FOR CATS FLEA & TICK OVER 1.5 LBS</u>	Fipronil	2517-135-93374
<u>ONGUARD PLUS FOR DOGS FLEA & TICK 23-44 LBS</u>	Fipronil	2517-134-93374
<u>ONGUARD PLUS FOR DOGS FLEA & TICK 45-88 LBS</u>	Fipronil	2517-134-93374
<u>ONGUARD PLUS FOR DOGS FLEA & TICK 5-22 LBS</u>	Fipronil	2517-134-93374
<u>ONGUARD PLUS FOR DOGS FLEA & TICK 89-132 LBS</u>	Fipronil	2517-134-93374
<u>PAWS PLUS FOR CATS OVER 1.5 LBS</u>	Fipronil	88052-16-65948
<u>PET DEFENDER PLUS FOR CATS</u>	Fipronil	2596-166
<u>PET DEFENDER PLUS FOR DOGS 23-44 LBS</u>	Fipronil	2596-165
<u>PET DEFENDER PLUS FOR DOGS 45-88 LBS</u>	Fipronil	2596-165
<u>PET DEFENDER PLUS FOR DOGS 5-22 LBS</u>	Fipronil	2596-165
<u>PET DEFENDER PLUS FOR DOGS 89-132 LBS</u>	Fipronil	2596-165
<u>PET PRIDE EVERYDAY ESSENTIALS FOR HAPPY PETS FIPRONIL FOR... SQUEEZE ON 4-22 LBS</u>	Fipronil	2517-136-65948
<u>PET PRIDE EVERYDAY ESSENTIALS FOR HAPPY PETS FIPRONIL FOR...SQUEEZE ON 89-132 LBS</u>	Fipronil	2517-136-65948
<u>PET PRIDE EVERYDAY ESSENTIALS FOR HAPPY PETS FIPRONIL FOR...SQUEEZE ON 23-44 LBS</u>	Fipronil	2517-136-65948
<u>PET PRIDE EVERYDAY ESSENTIALS FOR HAPPY PETS FIPRONIL FOR...SQUEEZE ON 45-88 LBS</u>	Fipronil	2517-136-65948

<u>PET PRIDE EVERYDAY</u>		
<u>ESSENTIALS FOR HAPPY</u>		
<u>PETS FIPRONIL FOR...UEEZE</u>		
<u>ON OVER 1.5LBS</u>	Fipronil	2517-137-65948
<u>PETACTION PRO FOR CATS</u>		
<u>OVER 1.5 LBS</u>	Fipronil	2517-135
<u>PETACTION PRO FOR DOGS</u>		
<u>23-44 LBS</u>	Fipronil	2517-134
<u>PETACTION PRO FOR DOGS</u>		
<u>45-88 LBS</u>	Fipronil	2517-134
<u>PETACTION PRO FOR DOGS</u>		
<u>5-22 LBS</u>	Fipronil	2517-134
<u>PETACTION PRO FOR DOGS</u>		
<u>89-132</u>	Fipronil	2517-134
<u>PETACTION PRO FOR DOGS</u>		
<u>89-132 LBS</u>	Fipronil	2517-134
<u>PETARMOR FOR CATS</u>	Fipronil	2517-137
<u>PETARMOR FOR DOGS</u>		
<u>23-44 LBS</u>	Fipronil	2517-136
<u>PETARMOR FOR DOGS</u>		
<u>44-88 LBS</u>	Fipronil	2517-136
<u>PETARMOR FOR DOGS 5-22</u>		
<u>LBS</u>	Fipronil	2517-136
<u>PETARMOR FOR DOGS</u>		
<u>89-132 LBS</u>	Fipronil	2517-136
<u>PETARMOR PLUS FOR CATS</u>	Fipronil	2517-135
<u>PETARMOR PLUS FOR</u>		
<u>DOGS 23-44 LBS</u>	Fipronil	2517-134
<u>PETARMOR PLUS FOR</u>		
<u>DOGS 4-22 LBS</u>	Fipronil	2517-134
<u>PETARMOR PLUS FOR</u>		
<u>DOGS 45-88 LBS</u>	Fipronil	2517-134
<u>PETARMOR PLUS FOR</u>		
<u>DOGS 89-132 LBS</u>	Fipronil	2517-134
<u>PETPREVEA PLUS FOR CATS</u>	Fipronil	2596-166-91019
<u>PETPREVEA PLUS FOR</u>		
<u>DOGS</u>	Fipronil	2596-165-91019
<u>PROMIKA ZOGUARD PLUS</u>		
<u>FOR CATS</u>	Fipronil	91300-6
<u>PROMIKA ZOGUARD PLUS</u>		
<u>FOR DOGS (23-44 LBS)</u>	Fipronil	91300-5
<u>PROMIKA ZOGUARD PLUS</u>		
<u>FOR DOGS (45-88 LBS)</u>	Fipronil	91300-5
<u>PROMIKA ZOGUARD PLUS</u>		
<u>FOR DOGS (5-22 LBS)</u>	Fipronil	91300-5
<u>PROMIKA ZOGUARD PLUS</u>		
<u>FOR DOGS (89-132 LBS)</u>	Fipronil	91300-5
<u>PTM INSECTICIDE</u>	Fipronil	7969-241

<u>REGENT 4SC INSECTICIDE</u>	Fipronil	7969-207
<u>ROACH BUSTER</u>	Fipronil	88613-1
<u>SENTRY FIPROGUARD FOR CATS</u>	Fipronil	2517-137
<u>SENTRY FIPROGUARD FOR DOGS/ 23-44 LBS</u>	Fipronil	2517-136
<u>SENTRY FIPROGUARD FOR DOGS/ 45-88 LBS</u>	Fipronil	2517-136
<u>SENTRY FIPROGUARD FOR DOGS/ 89-132 LBS</u>	Fipronil	2517-136
<u>SENTRY FIPROGUARD FOR DOGS/ UP TO 22 LBS</u>	Fipronil	2517-136
<u>SENTRY FIPROGUARD PLUS FOR CATS</u>	Fipronil	2517-135
<u>SENTRY FIPROGUARD PLUS FOR DOGS 23-44 LBS</u>	Fipronil	2517-134
<u>SENTRY FIPROGUARD PLUS FOR DOGS 4-22 LBS</u>	Fipronil	2517-134
<u>SENTRY FIPROGUARD PLUS FOR DOGS 45-88 LBS</u>	Fipronil	2517-134
<u>SENTRY FIPROGUARD PLUS FOR DOGS 89-132 LBS</u>	Fipronil	2517-134
<u>SERGEANTS PRONYL OTC PLUS FOR CATS</u>	Fipronil	2517-135
<u>SERGEANTS PRONYL OTC PLUS FOR DOGS 23-44 LBS</u>	Fipronil	2517-134
<u>SERGEANTS PRONYL OTC PLUS FOR DOGS 4-22 LBS</u>	Fipronil	2517-134
<u>STEELCOAT FOR CATS</u>	Fipronil	88052-16-40940
<u>STEELCOAT PLUS FOR DOGS 23-44 LBS</u>	Fipronil	88052-15-40940
<u>STEELCOAT PLUS FOR DOGS 45-88 LBS</u>	Fipronil	88052-15-40940
<u>STEELCOAT PLUS FOR DOGS 6-22 lbs.</u>	Fipronil	88052-15-40940
<u>STEELCOAT PLUS FOR DOGS 89-132 LBS</u>	Fipronil	88052-15-40940
<u>TAURUS DRY</u>	Fipronil	53883-476
<u>TAURUS SC</u>	Fipronil	53883-279
<u>TERMIDOR 80 WG</u>		
<u>TERMITICIDE INSECTICIDE</u>	Fipronil	7969-209
<u>TERMIDOR DRY</u>		
<u>TERMITICIDE</u>	Fipronil	499-546
<u>TERMIDOR FOAM</u>		
<u>TERMITICIDE/INSECTICIDE</u>	Fipronil	499-563
<u>TERMIDOR HE</u>		
<u>HIGH-EFFICIENCY</u>		
<u>TERMITICIDE</u>	Fipronil	7969-329

<u>TERMIDOR HP HIGH PRECISION TERMITICIDE</u>	Fipronil	7969-354
<u>TERMIDOR HP II HIGH PRECISION TERMITICIDE</u>	Fipronil	7969-400
<u>TERMIDOR SC TERMITICIDE INSECTICIDE</u>	Fipronil	7969-210
<u>TERRO ROACH BAITS</u>	Fipronil	92028-4-149
<u>TERRO ROACH GEL BAIT</u>	Fipronil	53883-401-149
<u>Tevrapet Firstact Plus for Dogs/ 89-132 lbs</u>	Fipronil	88052-15-92413
<u>Tevrapet Firstact Plus for Dogs/23-44 lbs</u>	Fipronil	88052-15-92413
<u>Tevrapet Firstact Plus for Dogs/45-88 lbs</u>	Fipronil	88052-15-92413
<u>Tevrapet Firstact Plus for Dogs/6-22 lbs</u>	Fipronil	88052-15-92413
<u>Tick Box Tick Control SYSTEM</u>	Fipronil	85306-1
<u>ULTIMATUM PEST ROACH GEL BAIT</u>	Fipronil	92028-4-92418
<u>VETALITY FIRSTECT PLUS FOR DOGS 45-88 LBS</u>	Fipronil	88052-15-92413
<u>VETALITY FIRSTECT PLUS FOR DOGS 6-22 LBS</u>	Fipronil	88052-15-92413
<u>VETALITY FIRSTECT PLUS FOR DOGS 89-132 LBS</u>	Fipronil	88052-15-92413
<u>VETALITY FIRSTECT PLUS FOR DOGS OVER 1.5 LBS</u>	Fipronil	88052-16-92413
<u>KATANA TURF HERBICIDE</u>	Flazasulfuron	
<u>MISSION</u>	Flazasulfuron	
<u>AIRAXO</u>	Flonicamid	
<u>ARIA INSECTICIDE</u>	Flonicamid	
<u>BELEAF 50 SG INSECTICIDE</u>	Flonicamid	
<u>BESTERO 50 WG</u>	Flonicamid	
<u>CARBINE 50WG INSECTICIDE</u>	Flonicamid	
<u>PRADIA</u>	Flonicamid	
<u>ACE READY TO USE WEED & GRASS KILLER 5</u>	Fluazifop-P-butyl	
<u>ACE READY TO USE WEED & GRASS KILLER6</u>	Fluazifop-P-butyl	
<u>ACE WEED & GRASS KILLER CONCENTRATE1</u>	Fluazifop-P-butyl	
<u>ACE WEED & GRASS KILLER CONCENTRATE2</u>	Fluazifop-P-butyl	
<u>BARRIER YEAR LONG VEGETATION CONTROL CONCENTRATE</u>	Fluazifop-P-butyl	

<u>FLUAZENT HERBICIDE</u>	Fluazifop-P-butyl
<u>FREQTO</u>	Fluazifop-P-butyl
<u>FUSILADE DX HERBICIDE</u>	Fluazifop-P-butyl
<u>FUSILADE II TURF & ORNAMENTAL HERBICIDE</u>	Fluazifop-P-butyl
<u>ORNAMEC 170 GRSS HERBICIDE</u>	Fluazifop-P-butyl
<u>ORNAMEC OVER-THE-TOP GRASS HERBICIDE</u>	Fluazifop-P-butyl
<u>ORTHO GRASS B GON GARDEN GRASS KILLER</u>	Fluazifop-P-butyl
<u>ORTHO GROUND CLEAR SUPER WEED & GRASS KILLER</u>	Fluazifop-P-butyl
<u>ORTHO GROUND CLEAR SUPER WEED & GRASS KILLER1</u>	Fluazifop-P-butyl
<u>ORTHO GROUND CLEAR WEED & GRASS B-GON PATIO & LANDSCAPE WEED & GRASS KILLER</u>	Fluazifop-P-butyl
<u>ORTHO GROUND CLEAR WEED & GRASS B-GON PATIO & LANDSCAPE WEED & GRASS KILLER CONCENTRATE</u>	Fluazifop-P-butyl
<u>ORTHO GROUND CLEAR WEED & GRASS KILLER SUPER CONCENTRATE</u>	Fluazifop-P-butyl
<u>ORTHO GROUND CLEAR WEED & GRASS KILLER SUPER CONCENTRATE1</u>	Fluazifop-P-butyl
<u>ROUNDUP TRIMARK CONCENTRATE</u>	Fluazifop-P-butyl
<u>ROUNDUP TRIMARK READY TO USE</u>	Fluazifop-P-butyl
<u>SPECTRACIDE ONE SHOT WEED & GRASS KILLER</u>	Fluazifop-P-butyl
<u>SPECTRACIDE ONE SHOT WEED & GRASS KILLER CONCENTRATE</u>	Fluazifop-P-butyl
<u>SPECTRACIDE WEED & GRASS FOAMING EDGER</u>	Fluazifop-P-butyl
<u>SPECTRACIDE WEED & GRASS KILLER 2</u>	Fluazifop-P-butyl

<u>SPECTRACIDE WEED & GRASS KILLER 3</u>	Fluazifop-P-butyl	
<u>SPECTRACIDE WEED & GRASS KILLER COMBO ACCUSHOT</u>	Fluazifop-P-butyl	
<u>SPECTRACIDE WEED & GRASS KILLER COMBO DOSE REFILL</u>	Fluazifop-P-butyl	
<u>SPECTRACIDE WEED & GRASS KILLER CONCENTRATE 2</u>	Fluazifop-P-butyl	
<u>SPECTRACIDE WEED & GRASS KILLER FOR LARGE AREAS CONCENTRATE</u>	Fluazifop-P-butyl	
<u>SPECTRACIDE WEED & GRASS KILLER W/ EXTENDED CONTROL</u>	Fluazifop-P-butyl	
<u>SPECTRACIDE WEED & GRASS KILLER W/ EXTENDED CONTROL 2</u>	Fluazifop-P-butyl	
<u>SPECTRACIDE WEED & GRASS KILLER W/ EXTENDED CONTROL CONCENTRATE</u>	Fluazifop-P-butyl	
<u>SPECTRACIDE WEED & GRASS KILLER W/ EXTENDED CONTROL FOAMING AEROSOL</u>	Fluazifop-P-butyl	
<u>STOCKADE HERBICIDE</u>	Fluazifop-P-butyl	
<u>ARMORTECH ROTATOR FUNGICIDE</u>	Fluazinam	228-737
<u>ARMORTECH ROTATOR II</u>	Fluazinam	89442-37
<u>DETOUR 4 SC</u>	Fluazinam	91234-34
<u>DOWNFORCE ETQ</u>	Fluazinam	60063-71
<u>FAIRVIEW SELECT</u>	Fluazinam	89442-46
<u>FLEX-GUARD</u>	Fluazinam	53883-454
<u>Fluazinam 40SC Select</u>	Fluazinam	89442-37
<u>HARRELLS PROTECTMAX FLUAZINAM FUNGICIDE</u>	Fluazinam	228-737-52287
<u>OMEGA 500F</u>	Fluazinam	71512-1-100
<u>OMEGA TOP MP</u>	Fluazinam	71512-1-100
<u>ORBUS 4 F</u>	Fluazinam	91234-98
<u>SECURE</u>	Fluazinam	71512-20-100
<u>SECURE ACTION</u>	Fluazinam	100-1633
<u>SOTERIA</u>	Fluazinam	67690-84
<u>TRACTION FUNGICIDE</u>	Fluazinam	228-739
<u>WINGSPAN UNITECH</u>	Fluazinam	94396-32
<u>VASUVIUS HERBICIDE</u>	Flucarbazone-sodium	2749-611

<u>ACADEMY</u>	Fludioxonil	100-1529
<u>ACTIMIST FDL FOGGABLE</u>		
<u>FUNGICIDE</u>	Fludioxonil	100-1560-71297
<u>Adage ST</u>	Fludioxonil	100-1283
<u>ALTERITY 62.5 WG</u>	Fludioxonil	91234-89
<u>APRON MAXX RTA</u>	Fludioxonil	100-946
<u>APRON MAXX RTA + MOLY</u>	Fludioxonil	100-945
<u>APRONMAXX RFC</u>	Fludioxonil	100-1195
<u>CANNONBALL WG</u>	Fludioxonil	100-1454
<u>CHAIRMAN</u>	Fludioxonil	100-1530
<u>CRUISER VIBRANCE</u>		
<u>QUATTRO</u>	Fludioxonil	100-1527
<u>CRUISERMAXX APX</u>	Fludioxonil	100-1690
<u>CRUISERMAXX APX</u>		
<u>UNCOLORED</u>	Fludioxonil	100-1690
<u>CRUISERMAXX POTATO</u>		
<u>EXTREME</u>	Fludioxonil	100-1444
<u>CRUISERMAXX POTATO</u>		
<u>INSECTICIDE & FUNGICIDE</u>	Fludioxonil	100-1248
<u>CRUISERMAXX VIBRANCE</u>	Fludioxonil	100-1508
<u>CRUISERMAXX VIBRANCE</u>		
<u>POTATO</u>	Fludioxonil	100-1556
<u>DECCO FLUDI SC</u>	Fludioxonil	2792-85
<u>DYNA SHIELD CONQUEST</u>	Fludioxonil	34704-1102
<u>DYNA SHIELD FLUDIOXONIL</u>	Fludioxonil	34704-1074
<u>DYNA SHIELD FOOTHOLD</u>		
<u>PROFOUND</u>	Fludioxonil	55146-152-34704
<u>DYNA-SHIELD FM</u>	Fludioxonil	34704-1085
<u>DYNA-SHIELD FOOTHOLD</u>		
<u>VIROCK</u>	Fludioxonil	34704-1090
<u>EFOG 280 FDL</u>	Fludioxonil	64864-80
<u>EFOG-80 FDL</u>	Fludioxonil	64864-67
<u>EQUITY VAYO</u>	Fludioxonil	100-1726-34704
<u>Equity VIP</u>	Fludioxonil	34704-1101
<u>FLUDIOXONIL 4L ST</u>	Fludioxonil	42750-248
<u>INSTRATA</u>	Fludioxonil	100-1231
<u>MAXIM 480FS</u>	Fludioxonil	100-1630
<u>MAXIM 4FS</u>	Fludioxonil	100-758
<u>MAXIM MZ</u>	Fludioxonil	100-1158
<u>MAXIM PSP</u>	Fludioxonil	100-821
<u>MAXIM-QUATTRO</u>	Fludioxonil	100-1352
<u>MEDALLION SC</u>	Fludioxonil	100-1448
<u>MEDALLION WDG</u>	Fludioxonil	100-1434
<u>MIRAVIS PRIME</u>	Fludioxonil	100-1603
<u>NIVALES T</u>	Fludioxonil	42750-293
<u>PALLADIUM</u>	Fludioxonil	100-1328
<u>PENDANT SC</u>	Fludioxonil	53883-477

<u>SATIVA IMF SEMBOLITE</u>		
<u>MAX</u>	Fludioxonil	55146-119
<u>SATIVA M2F RTU</u>	Fludioxonil	55146-152
<u>SCHOLAR EZ</u>	Fludioxonil	100-1505
<u>SCHOLAR MAX MP</u>	Fludioxonil	100-1242
<u>SCHOLAR SC FUNGICIDE</u>	Fludioxonil	100-1242
<u>SEED SHIELD BEANS</u>	Fludioxonil	100-1384-5905
<u>SEED SHIELD CEREALS</u>	Fludioxonil	100-1527-5905
<u>SEED SHIELD MAX BEANS</u>	Fludioxonil	100-1638-5905
<u>SEED SHIELD SELECT</u>	Fludioxonil	100-1732-5905
<u>SERENVA</u>	Fludioxonil	100-1664
<u>SIGNATURE SOYARMOR</u>	Fludioxonil	100-1283-34704
<u>SPIRATO 480FS</u>	Fludioxonil	55146-116
<u>SPIRATO GHN FUNGICIDE</u>	Fludioxonil	228-723
<u>SPIRATO IMTM 348 FS</u>	Fludioxonil	55146-153
<u>SPIRATO M 185 FS</u>	Fludioxonil	55146-118
<u>SPIRATO MTM 285 FS</u>	Fludioxonil	55146-154
<u>SPORGARD WB</u>	Fludioxonil	39967-87
<u>SPORGARD XP</u>	Fludioxonil	39967-87
<u>STARTUP FLUDI SEED</u>		
<u>TREATMENT</u>	Fludioxonil	70506-334
<u>SWITCH 62.5WG</u>	Fludioxonil	100-953
<u>TOKEN SC</u>	Fludioxonil	91234-133
<u>TUQUE EXOGEM</u>	Fludioxonil	100-1733
<u>VIBRANCE CINCO</u>	Fludioxonil	100-1629
<u>VIBRANCE TRIO</u>	Fludioxonil	100-1637
<u>WARDEN CEREALS II WR</u>	Fludioxonil	100-1527-1381
<u>WARDEN CX</u>	Fludioxonil	100-1459-1381
<u>WARDEN CX II</u>	Fludioxonil	100-1720-1381
<u>WARDEN RTA</u>	Fludioxonil	100-1146-1381
<u>XUVIA</u>	Fludioxonil	89167-84-89391
<u>DREXALIN PLUS</u>	Flumetralin	19713-510
<u>PRIME+EC</u>	Flumetralin	100-640
<u>ADORN FUNGICIDE</u>	Fluopicolide	59639-141
<u>PRESIDIO FUNGICIDE</u>	Fluopicolide	59639-140
<u>STELLAR FUNGICIDE</u>	Fluopicolide	59639-143
<u>ACCELERON N 314 SEED</u>		
<u>TREATMENT</u>	Fluopyram	7969-460-264
<u>DELARO COMPLETE</u>	Fluopyram	264-1207
<u>ILEVO HL SEED TREATMENT</u>	Fluopyram	7969-466
<u>ILEVO SEED TREATMENT</u>	Fluopyram	7969-441
<u>LUNA EXPERIENCE</u>	Fluopyram	264-1091
<u>LUNA FLEX</u>	Fluopyram	264-1218
<u>LUNA PRIVILEGE</u>	Fluopyram	264-1078
<u>LUNA PRO</u>	Fluopyram	264-1084
<u>LUNA TRANQUILITY</u>	Fluopyram	264-1085
<u>PROPULSE</u>	Fluopyram	264-1084

<u>PROSARO PRO 400 SC</u>		
<u>FUNGICIDE</u>	Fluopyram	264-1209
<u>VELUM</u>	Fluopyram	264-1078
<u>VELUM PRIME</u>	Fluopyram	264-1078
<u>VELUM RISE</u>	Fluopyram	264-1222
<u>AIRMAX WIPEOUT</u>		
<u>PONDWEED DEFENSE</u>		
<u>AQUATIC HERBICIDE</u>	Fluridone	83742-3
<u>ALLIGARE FLURIDONE</u>	Fluridone	81927-45
<u>AVAST! SC</u>	Fluridone	67690-30
<u>POND LOGIC WIPEOUT</u>		
<u>PONDWEED DEFENSE</u>		
<u>AQUATIC HERBICIDE</u>	Fluridone	83742-3
<u>SEPRO TOTAL POND -</u>		
<u>PREVENT</u>	Fluridone	67690-61
<u>SONAR A.S.</u>	Fluridone	67690-4
<u>SONAR GENESIS</u>	Fluridone	67690-54
<u>SONAR H4C</u>	Fluridone	67690-61
<u>SONAR INFINITY</u>	Fluridone	67690-87
<u>SONAR PR PRECISION</u>		
<u>RELEASE</u>	Fluridone	67690-12
<u>SONAR RTU</u>	Fluridone	67690-48
<u>SPRITFLO HERBICIDE</u>	Fluridone	81927-45-84868
<u>CUTLESS 0.33G</u>	Flurprimidol	67690-13
<u>CUTLESS 50W</u>	Flurprimidol	67690-15
<u>CUTLESS MEC</u>	Flurprimidol	67690-51
<u>CUTLESS QUICKSTOP</u>		
<u>LANDSCAPE ORNAMENTAL</u>		
<u>GROWTH REGULATORY</u>	Flurprimidol	67690-51
<u>LEGACY TURF GROWTH</u>		
<u>REGULATOR</u>	Flurprimidol	67690-46
<u>MUSKETEER</u>	Flurprimidol	67690-57
<u>TOPFLOR</u>	Flurprimidol	67690-20
<u>GATTEN FUNGICIDE</u>	Flutianil	11581-6-71711
<u>MONCUT SC FUNGICIDE</u>	Flutolanil	71711-28
<u>Pedigree Fungicide SC</u>	Flutolanil	71711-28-2217
<u>PROSTAR 70 WG</u>		
<u>FUNGICIDE</u>	Flutolanil	432-1223
<u>APISTAN VARROA</u>		
<u>CONTROL STRIPS FOR BEES</u>	Fluvalinate	2724-406-79671
<u>BASB 3 IN 1 INSECT</u>		
<u>DISEASE & MITE</u>	Fluvalinate	92564-63
<u>CONCENTRATE</u>		
<u>BASB 3 IN 1 INSECT</u>		
<u>DISEASE & MITE CONTROL</u>	Fluvalinate	92564-63
<u>READY TO SPRAY I</u>		
<u>BASB ALL IN ONE ROSE &</u>	Fluvalinate	92564-63
<u>FLOWER CONCENTRATE</u>		

<u>BASB ALL IN ONE ROSE & FLOWER SPRAY READY TO SPRAY</u>	Fluvalinate	92564-63
<u>CLEARLEAF INSECTICIDE/MITICIDE</u>	Fluvalinate	89459-137
<u>MAVRIK AQUAFLOW INSECTICIDE</u>	Fluvalinate	2724-478
<u>MAVRIK PERIMETER</u>	Fluvalinate	2724-478
<u>INTIMIDATOR</u>	Fomesafen	34704-1065
<u>MARVEL HERBICIDE</u>	Fomesafen	279-3455
<u>SINISTER</u>	Fomesafen	5905-593
<u>SINISTER INTENT</u>	Fomesafen	5905-603
<u>BLACK FLAG DRY ANT & ROACH KILLER</u>	Gamma-Cyhalothrin	9688-315
<u>BLACK FLAG FLEA & TICK AEROSOL FOR UPHOLSTERY & PET BEDDI...LATOR HOME TREATMENT</u>	Gamma-Cyhalothrin	9688-321
<u>BLACK FLAG FLEA & TICK FOAM FOR CARPET PLUS GROWTH REGULATOR HOME TREATMENT</u>	Gamma-Cyhalothrin	9688-322
<u>BLACK FLAG FLEA SPRAY PLUS GROWTH REGULATOR</u>	Gamma-Cyhalothrin	9688-321
<u>CONSERO INSECTICIDE</u>	Gamma-Cyhalothrin	34704-953
<u>DECLARE INSECTICIDE</u>	Gamma-Cyhalothrin	279-3571
<u>HOT SHOT BEDBUG & FLEA KILLER 3</u>	Gamma-Cyhalothrin	9688-269-8845
<u>HOT SHOT HOME INSECT CONTROL</u>	Gamma-Cyhalothrin	9688-298-8845
<u>HOT SHOT ULTRA FLEA & TICK KILLER</u>	Gamma-Cyhalothrin	9688-321-8845
<u>PESTIE HOME BARRIER S1</u>	Gamma-Cyhalothrin	279-3612-100947
<u>PROAXIS INSECTICIDE</u>	Gamma-Cyhalothrin	279-3583
<u>PROZAP GAMMA DEFENSE</u>	Gamma-Cyhalothrin	47000-192
<u>SCION INSECTICIDE</u>	Gamma-Cyhalothrin	279-3612
<u>SPECTRACIDE ACRE PLUS TRIAZICIDE INSECT KILLER FOR LAWNS ...NDSAPES CONCENTRATE</u>	Gamma-Cyhalothrin	9688-237-8845
<u>SPECTRACIDE ACRE PLUS TRIAZICIDE INSECT KILLER FOR LAWNS GRANULES</u>	Gamma-Cyhalothrin	9688-250-8845
<u>SPECTRACIDE BUG STOP HOME BARRIER</u>	Gamma-Cyhalothrin	9688-298-8845
<u>SPECTRACIDE BUG STOP HOME BARRIER2</u>	Gamma-Cyhalothrin	9688-298-8845

<u>SPECTRACIDE LARGE PLOT</u>		
<u>TRIAZICIDE INSECT KILLER</u>		
<u>FOR LAWNS &</u>		
<u>LANDSCAPES CONCENTRA</u>	Gamma-Cyhalothrin	9688-237-8845
<u>SPECTRACIDE LARGE PLOT</u>		
<u>TRIAZICIDE INSECT KILLER</u>		
<u>FOR LAWNS GRANULES</u>	Gamma-Cyhalothrin	9688-250-8845
<u>SPECTRACIDE TRIAZICIDE</u>		
<u>INSECT KILLER FOR LAWNS</u>		
<u>& LANDSCAPES</u>		
<u>CONCENTRATE</u>	Gamma-Cyhalothrin	9688-277-8845
<u>SPECTRACIDE TRIAZICIDE</u>		
<u>INSECT KILLER FOR LAWNS</u>		
<u>GRANULES</u>	Gamma-Cyhalothrin	9688-250-8845
<u>SHATTER</u>	Hexaflumuron	62719-272
<u>SPECTRACIDE TERMINATE</u>		
<u>TERMITE DETECTION &</u>		
<u>KILLING STAKES 2</u>	Hexaflumuron	9688-299-8845
<u>SPECTRACIDE TERMINATE</u>		
<u>TERMITE DETECTION &</u>		
<u>KILLING STAKES 2 REFILL</u>	Hexaflumuron	9688-299-8845
<u>AMDRO ANT BLOCK</u>	Hydramethylnon	73342-2
<u>AMDRO ANT KILLER FOR</u>		
<u>OUTDOOR HOME</u>		
<u>PERIMETER</u>	Hydramethylnon	73342-2-90098
<u>AMDRO FIRE ANT KILLER</u>		
<u>FOR LAWNS</u>	Hydramethylnon	73342-6-90098
<u>AMDRO FIRE ANT KILLER</u>		
<u>FOR MOUNDS</u>	Hydramethylnon	73342-1-90098
<u>AMDRO KILLS FIRE ANTS</u>		
<u>YARD TREATMENT BAIT</u>	Hydramethylnon	73342-6
<u>AMDRO PRO FIRE ANT BAIT</u>	Hydramethylnon	241-322
<u>COMBAT ANT KILLING BAIT</u>	Hydramethylnon	64240-3
<u>COMBAT OUTDOOR ANT</u>		
<u>KILLING GRANULES</u>	Hydramethylnon	64240-25
<u>COMBAT ROACH KILLING</u>		
<u>BAIT</u>	Hydramethylnon	64240-46
<u>COMBAT ROACH KILLING</u>		
<u>BAIT L</u>	Hydramethylnon	64240-2
<u>COMBAT ROACH KILLING</u>		
<u>BAIT S</u>	Hydramethylnon	64240-2
<u>COMBAT ROACH KILLING</u>		
<u>GEL 1</u>	Hydramethylnon	64240-35
<u>COMBAT SOURCE KILL 1</u>	Hydramethylnon	64240-2
<u>COMBAT SOURCE KILL 2</u>	Hydramethylnon	64240-2
<u>COMBAT SOURCE KILL 4</u>	Hydramethylnon	64240-3
<u>COMBAT SOURCE KILL 5</u>	Hydramethylnon	64240-46
<u>EXTINGUISH PLUS</u>	Hydramethylnon	2724-496
<u>LAVA LOR GRANULAR BAIT</u>	Hydramethylnon	89459-94

<u>ORTHO HOME DEFENSE</u>		
<u>ROACH BAIT</u>	Hydramethylnon	239-2730
<u>ORTHO ROACH BAIT</u>	Hydramethylnon	239-2730
<u>ADVION ANT BAIT ARENA</u>	Indoxacarb	100-1485
<u>ADVION ANT GEL</u>	Indoxacarb	100-1498
<u>ADVION COCKROACH GEL BAIT</u>	Indoxacarb	100-1484
<u>ADVION COCKROACH, ANT BAIT ARENA</u>	Indoxacarb	100-1486
<u>ADVION EVOLUTION COCKROACH GEL BAIT</u>	Indoxacarb	100-1484
<u>ADVION FIRE ANT BAIT</u>	Indoxacarb	100-1481
<u>ADVION INSECT GRANULAR BAIT</u>	Indoxacarb	100-1483
<u>ADVION INSECT GRANULE</u>	Indoxacarb	100-1483
<u>ADVION MICROFLOW INSECT BAIT</u>	Indoxacarb	100-1682
<u>ADVION TRIO COCKROACH GEL BAIT</u>	Indoxacarb	100-1679
<u>ADVION WDG</u>	Indoxacarb	100-1501
<u>ARMONT 30 DG</u>	Indoxacarb	91234-318
<u>AVAUNT EVO INSECT CONTROL</u>	Indoxacarb	279-9629
<u>AVAUNT INSECTICIDE</u>	Indoxacarb	279-9587
<u>COMBER</u>	Indoxacarb	83529-148
<u>DOXEM IG</u>	Indoxacarb	53883-457
<u>DOXEM NXT</u>	Indoxacarb	53883-455
<u>DOXEM PRECISE</u>	Indoxacarb	53883-438
<u>ELIMINATOR ANT BAIT</u>	Indoxacarb	9688-214-8845
<u>GOT PESTS GET REVENGE INVISIBLE ROACH BAIT</u>	Indoxacarb	53883-438-4
<u>HOST EC</u>	Indoxacarb	83529-192
<u>HOT SHOT MAXATTRAX ANT BAIT 2</u>	Indoxacarb	9688-214-8845
<u>HOT SHOT MAXATTRAX ROACH BAIT4</u>	Indoxacarb	9688-193-8845
<u>PROVAUNT</u>	Indoxacarb	100-1487
<u>PROVAUNT WDG</u>	Indoxacarb	100-1636
<u>RAID ROACH GEL</u>	Indoxacarb	4822-595
<u>SAVITRI ANT GEL</u>	Indoxacarb	91234-261
<u>SAVITRI COCKROACH GEL BAIT</u>	Indoxacarb	91234-260
<u>Spectracide Ant Shield Outdoor Killing Stakes</u>	Indoxacarb	9688-214-8845
<u>SPECTRACIDE ONE SHOT FIRE ANT KILLER</u>	Indoxacarb	9688-217-8845
<u>STARBAR DURASTRIKE FLY SCATTER BAIT</u>	Indoxacarb	100-1655-89459

<u>STEWARD EC INSECTICIDE</u>	Indoxacarb	279-9596
<u>BALANCE FLEXX HERBICIDE</u>	Isoxaflutole	264-1067
<u>CORVUS HERBICIDE</u>	Isoxaflutole	264-1066
<u>COBRA HERBICIDE</u>	Lactofen	59639-34
<u>MONGOOSE HERBICIDE</u>	Lactofen	34704-1119
<u>WILLOWOOD LACTOFEN 2EC</u>	Lactofen	87290-72
<u>AVELYO FUNGICIDE</u>	Mefentrifluconazole	7969-461
<u>CEVYA FUNGICIDE</u>	Mefentrifluconazole	7969-407
<u>ENDURA PRO FUNGICIDE</u>	Mefentrifluconazole	7969-486
<u>MAXTIMA FUNGICIDE</u>	Mefentrifluconazole	7969-404
<u>NAVICON INTRINSIC BRAND FUNGICIDE</u>	Mefentrifluconazole	7969-403
<u>PROVYSOL FUNGICIDE</u>	Mefentrifluconazole	7969-411
<u>RELENYA SEED TREATMENT</u>	Mefentrifluconazole	7969-405
<u>REVYLOK FUNGICIDE</u>	Mefentrifluconazole	7969-503
<u>REVYTEK FUNGICIDE</u>	Mefentrifluconazole	7969-406
<u>VELTYMA FUNGICIDE</u>	Mefentrifluconazole	7969-409
<u>ALTREVIN FIRE ANT BAIT INSECTICIDE</u>	Metaflumizone	7969-270
<u>SIESTA INSECTICIDE FIRE ANT BAIT</u>	Metaflumizone	7969-232
<u>SOLICAM DF AGRICULTURAL HERBICIDE</u>	Norflurazon	61842-41
<u>ADVION TRIO COCKROACH GEL BAIT</u>	Novaluron	100-1679
<u>CORMORAN</u>	Novaluron	66222-264
<u>D-Fense NXT</u>	Novaluron	53883-415
<u>DOXEM IG</u>	Novaluron	53883-457
<u>DOXEM NXT</u>	Novaluron	53883-455
<u>DURA FLEX ZC</u>	Novaluron	53883-426
<u>DURAFLEX CS</u>	Novaluron	53883-426
<u>GOT PESTS GET REVENGE HOME PEST CONTROL CONCENTRATE</u>	Novaluron	4-501
<u>HOUSE GUARD ROACH CONTROL</u>	Novaluron	53883-415-4
<u>MARTINS MOSQUITO PRO MULTIFLY FEED THRU FLY CONTROL FOR HORSES</u>	Novaluron	53883-498
<u>PEDESTAL</u>	Novaluron	91368-1
<u>PROFLEX</u>	Novaluron	53883-419-59807
<u>RIMON 0.83EC</u>	Novaluron	53883-427
<u>RIMON 0.83EC INSECTICIDE</u>	Novaluron	66222-35-400
<u>STARBAR EXHALT WDG INSECT GROWTH REGULATOR</u>	Novaluron	66222-35-70506
		89459-107

<u>SUPRADO</u>	Novaluron	53883-480
<u>TEKKO 10</u>	Novaluron	53883-348
<u>TEKKO FLY G</u>	Novaluron	53883-350
<u>TEKKO PRO</u>	Novaluron	53883-335
<u>TEKKO TRIO</u>	Novaluron	53883-444
<u>TEKKO TRIO FOAM</u>	Novaluron	53883-475
<u>TRELONA ATBS ANNUAL BAIT STATIONS</u>	Novaluron	499-557
<u>TRELONA ATBS HOME MONITORING KIT</u>	Novaluron	499-557
<u>TRELONA COMPRESSED TERMITE BAIT</u>	Novaluron	499-557
<u>RECRUIT AG FKEX PACK</u>	Noviflumuron	62719-652
<u>RECRUIT IV</u>	Noviflumuron	62719-453
<u>RECRUIT IV AG</u>	Noviflumuron	62719-454
<u>LUMISENA</u>	Oxathiapiprolin	352-920
<u>ORONDIS GOLD</u>	Oxathiapiprolin	100-1614
<u>ORONDIS GOLD 200</u>	Oxathiapiprolin	100-1571
<u>ORONDIS GOLD DC</u>	Oxathiapiprolin	100-1737
<u>ORONDIS ULTRA</u>	Oxathiapiprolin	100-1612
<u>SEGOVIS</u>	Oxathiapiprolin	100-1533
<u>BIATHLON ORNAMENTAL HERBICIDE</u>	Oxyfluorfen	59807-12
<u>CLEANTRAXX</u>	Oxyfluorfen	62719-702
<u>COLLIDE HERBICIDE</u>	Oxyfluorfen	70506-295
<u>GOAL 2XL HERBICIDE</u>	Oxyfluorfen	92894-2-71368
<u>GOAL TENDER HERBICIDE</u>	Oxyfluorfen	92894-3-71368
<u>GOVEE</u>	Oxyfluorfen	89167-90-89391
<u>OH2</u>	Oxyfluorfen	58185-178
<u>PINDAR GT</u>	Oxyfluorfen	62719-611
<u>SCROLL 2 XL</u>	Oxyfluorfen	91234-226
<u>SCROLLOVR</u>	Oxyfluorfen	91234-228
<u>SPECTRACIDE ONE SHOT WEED & GRASS KILLER</u>	Oxyfluorfen	9688-264-8845
<u>SPECTRACIDE ONE SHOT WEED & GRASS KILLER CONCENTRATE</u>	Oxyfluorfen	9688-259-8845
<u>SPECTRACIDE WEED & GRASS KILLER W/ EXTENDED CONTROL</u>	Oxyfluorfen	9688-264-8845
<u>SPECTRACIDE WEED & GRASS KILLER W/ EXTENDED CONTROL 2</u>	Oxyfluorfen	9688-264-8845
<u>SPECTRACIDE WEED & GRASS KILLER W/ EXTENDED CONTROL CONCENTRATE</u>	Oxyfluorfen	9688-259-8845

<u>SPECTRACIDE WEED & GRASS KILLER W/ EXTENDED CONTROL FOAMING AEROSOL</u>	Oxyfluorfen	9688-318-8845
<u>WILLOWWOOD OXFLO 2EC</u>	Oxyfluorfen	87290-8
<u>AETHON HERBICIDE SL FOR TURFGRASS</u>	Penoxsulam	2217-1071
<u>BASB LAWN & WEED & INSECT KILLER CONCENTRATE</u>	Penoxsulam	92564-79
<u>BASB LAWN WEED & INSECT KILLER READY TO SPRAY</u>	Penoxsulam	92564-79
<u>CLEANTRAXX</u>	Penoxsulam	62719-702
<u>GALLEON SC</u>	Penoxsulam	67690-47
<u>PINDAR GT</u>	Penoxsulam	62719-611
<u>SAPPHIRE</u>	Penoxsulam	62719-547
<u>VELISTA</u>	Penthiopyrad	100-1534
<u>APROACH</u>	Picoxystrobin	352-840
<u>APROACH PRIMA</u>	Picoxystrobin	352-883
<u>VIATUDE</u>	Picoxystrobin	352-942
<u>ALLIGARE PRODIAMINE 65 WG HERBICIDE</u>	Prodiamine	81927-36
<u>BARRICADE 4FL HERBICIDE</u>	Prodiamine	100-1139
<u>BARRICADE 65WG</u>	Prodiamine	100-834
<u>BASILISK UNITECH</u>	Prodiamine	94396-31
<u>BIATHLON ORNAMENTAL HERBICIDE</u>	Prodiamine	59807-12
<u>BONIDE PROZONE WEED BEATER COMPLETE</u>	Prodiamine	279-3371-4
<u>BONIDE SEDGE ENDER CONCENTRATE</u>	Prodiamine	279-3427-4
<u>Cavalcade 4L</u>	Prodiamine	60063-67
<u>CAVALCADE 65WDG</u>	Prodiamine	60063-26
<u>CAVALCADE PQ</u>	Prodiamine	83070-9
<u>COASTAL</u>	Prodiamine	5481-629
<u>DURATURF CRABGRASS PREVENTER</u>	Prodiamine	228-613-4
<u>ECHELON 4SC HERBICIDE</u>	Prodiamine	279-3323
<u>EVADE 4 FL</u>	Prodiamine	34704-915
<u>FERTI LOME WEED OUT NUTSEdge CONTROL READY TO SPRAY</u>	Prodiamine	279-3427-7401
<u>FERTI-LOME WEED-OUT NUTSEdge CONTROL</u>	Prodiamine	279-3427-7401
<u>FUERTE</u>	Prodiamine	59807-20
<u>GEMINI 3.7 SC</u>	Prodiamine	53883-325-58185
<u>GEMINI GRANULAR</u>	Prodiamine	58185-180

<u>HI-YIELD KILLZALL</u>		
<u>EXTENDED CONTROL</u>	Prodiamine	228-509-7401
<u>LEBANON PRODIAMINE</u>		
<u>0.58G BIODAC</u>	Prodiamine	53883-171-961
<u>LESCO STONEWALL 4L</u>		
<u>HERBICIDE (702498)</u>	Prodiamine	60063-67-10404
<u>LESCO STONEWALL 65</u>		
<u>WDG HERBICIDE</u>	Prodiamine	10404-112
<u>MAXUNITECH</u>		
<u>PRODIAMINE 65 WG</u>	Prodiamine	95009-9
<u>MONTEREY REMUDA</u>		
<u>EXTENDED CONTROL</u>	Prodiamine	228-509-54705
<u>Primera One Prodiamine 4L</u>	Prodiamine	60063-67
<u>PRIMERAONE PRODIAMINE</u>		
<u>65WDG HERBICIDE</u>	Prodiamine	60063-26
<u>PRODIAMINE 65WDG</u>	Prodiamine	53883-429
<u>QUALI PRO PRODOXABEN</u>		
<u>3.7 SC</u>	Prodiamine	53883-325
<u>QUALI PRO PRODOXABEN</u>		
<u>G</u>	Prodiamine	53883-479
<u>QUALI-PRO PRODIAMINE</u>		
<u>4L</u>	Prodiamine	53883-379
<u>RESOLUTE 4FL</u>	Prodiamine	100-1139
<u>RESOLUTE 65WG</u>		
<u>HERBICIDE</u>	Prodiamine	100-834
<u>SEDGE ENDER READY TO</u>		
<u>SPRAY</u>	Prodiamine	279-3427-4
<u>STONEWALL 4FL HERBICIDE</u>	Prodiamine	100-1139-10404
<u>THE ANDERSONS</u>		
<u>PROFESSIONAL TURF</u>		
<u>PRODUCTS 0.48%</u>		
<u>BARRICADE ON DGPRO</u>	Prodiamine	9198-214
<u>PEAK HERBICIDE</u>	Prosulfuron	10163-380
<u>OVERTURE 35 WP</u>		
<u>INSECTICIDE</u>	Pyridalyl	59639-125
<u>PQZ INSECTICIDE</u>	Pyrifluquinazon	71711-37
<u>RYCAR</u>	Pyrifluquinazon	71711-37-67690
<u>ANNIHILATE HERBICIDE</u>	Pyroxasulfone	279-3601-55467
<u>ANTHEM ATZ HERBICIDE</u>	Pyroxasulfone	279-3449
<u>ANTHEM FLEX HERBICIDE</u>	Pyroxasulfone	279-3464
<u>ANTHEM HERBICIDE</u>	Pyroxasulfone	279-3450
<u>ANTHEM MAXX HERBICIDE</u>	Pyroxasulfone	279-3468
<u>AUTHORITY SUPREME</u>		
<u>HERBICIDE</u>	Pyroxasulfone	279-3601
<u>FIERCE EZ HERBICIDE</u>	Pyroxasulfone	59639-237
<u>FIERCE HERBICIDE</u>	Pyroxasulfone	59639-193
<u>FIERCE MTZ HERBICIDE</u>	Pyroxasulfone	59639-236

<u>FIERCE XLT SOYBEAN</u>		
<u>HERBICIDE</u>	Pyroxasulfone	59639-194
<u>FORTITRI HERBICIDE</u>	Pyroxasulfone	7969-457-34704
<u>KYBER</u>	Pyroxasulfone	59639-236
<u>MAVERICK CORN</u>		
<u>HERBICIDE</u>	Pyroxasulfone	59639-255
<u>PERPETUO HERBICIDE</u>	Pyroxasulfone	59639-242
<u>PIPER EZ HERBICIDE</u>	Pyroxasulfone	59639-237
<u>PIPER HERBICIDE</u>	Pyroxasulfone	59639-193
<u>SPYROMAX</u>	Pyroxasulfone	7969-457-5905
<u>STOREN</u>	Pyroxasulfone	100-1735
<u>SUREGUARD XTRA</u>		
<u>HERBICIDE</u>	Pyroxasulfone	59639-237
<u>SURTAIN HERBICIDE</u>	Pyroxasulfone	7969-501
<u>ZIDUA HERBICIDE</u>	Pyroxasulfone	7969-338
<u>ZIDUA(R) PRO POWERED</u>		
<u>BY KIXOR(R) HERBICIDE</u>	Pyroxasulfone	7969-365
<u>ZIDUA(R) SC HERBICIDE</u>	Pyroxasulfone	7969-374
<u>GR1 HERBICIDE</u>	Pyroxsulam	279-9623
<u>POWERFLEX</u>	Pyroxsulam	62719-569
<u>POWERFLEX HL</u>	Pyroxsulam	62719-643
<u>TARZEC</u>	Pyroxsulam	62719-719
<u>CORSICAN HERBICIDE</u>	Saflufenacil	7969-279-55467
<u>DETAIL POWERED BY KIXOR</u>		
<u>HERBICIDE</u>	Saflufenacil	7969-297
<u>FORTITRI HERBICIDE</u>	Saflufenacil	7969-457-34704
<u>OPTILL POWERED BY</u>		
<u>KIXON HERBICIDE</u>	Saflufenacil	7969-280
<u>SHARPEN POWERED BY</u>		
<u>KIXOR HERBICIDE</u>	Saflufenacil	7969-278
<u>SPYROMAX</u>	Saflufenacil	7969-457-5905
<u>SURTAIN HERBICIDE</u>	Saflufenacil	7969-501
<u>TREEVIX POWERED BY</u>		
<u>KIXON HERBICIDE</u>	Saflufenacil	7969-276
<u>VERDICT POWERED BY</u>		
<u>KIXON HERBICIDE</u>	Saflufenacil	7969-279
<u>ZIDUA(R) PRO POWERED</u>		
<u>BY KIXOR(R) HERBICIDE</u>	Saflufenacil	7969-365
<u>CLOSER SC</u>	Sulfoxaflor	62719-623
<u>RIDGEBACK</u>	Sulfoxaflor	62719-749
<u>TRANSFORM WG</u>	Sulfoxaflor	62719-625
<u>XXPIRE</u>	Sulfoxaflor	62719-676
<u>FENCE</u>	Tefluthrin	83529-123
<u>FORCE 10G HL SMARTBOX</u>		
<u>INSECTICIDE</u>	Tefluthrin	100-1615-5481
<u>FORCE 10G HL</u>		
<u>SMARTCARTRIDGE</u>		
<u>INSECTICIDE</u>	Tefluthrin	100-1615-5481

<u>FORCE 3G INSECTICIDE</u>	Tefluthrin	100-1075
<u>FORCE 3G SMARTBOX</u>	Tefluthrin	100-1075-5481
<u>FORCE EVO</u>	Tefluthrin	100-1610
<u>CAPRENO HERBIDE</u>	Tembotrione	264-1063
<u>DIFLEXX DUO</u>	Tembotrione	264-1184
<u>LAUDIS HERBICIDE</u>	Tembotrione	264-860
<u>ACROPOLIS FUNGICIDE</u>	Tetraconazole	60063-82
<u>AFFIANCE</u>	Tetraconazole	10163-332
<u>ANDIAMO 230 FUNGICIDE</u>	Tetraconazole	60063-81
<u>ANDIAMO ADVANCE</u>	Tetraconazole	60063-79
<u>BRIXEN FUNGICIDE</u>	Tetraconazole	60063-83
<u>DOMARK 230ME FUNGICIDE</u>	Tetraconazole	10163-397
<u>MAZINGA ADV FUNGICIDE</u>	Tetraconazole	60063-79
<u>METTLE 125ME FUNGICIDE</u>	Tetraconazole	10163-398
<u>SAYLOR FUNGICIDE</u>	Tetraconazole	70506-442
<u>TREVO TRZ</u>	Tetraconazole	89168-52-89391
<u>TREVO TRZ DRV</u>	Tetraconazole	89168-100-89391
<u>ZOLERA FX FUNGICIDE</u>	Tetraconazole	70506-438
<u>ACCELERON I-374 INSECTICIDE SEED TREATMENT</u>	Tetraniliprole	264-1192
<u>REVITON</u>	Tiafenacil	71512-37-74530
<u>ARMOR</u>	Tralopyril	74681-28-44891
<u>INTERSMOOTH 7670 SPC BROWN</u>	Tralopyril	2693-237
<u>INTERSMOOTH 7670 SPC RED</u>	Tralopyril	2693-237
<u>INTER SPEED 5640 BZA645/5 RED VARIOUS COLORS</u>	Tralopyril	2693-220
<u>MARPRO SUPER B ECO BLACK</u>	Tralopyril	74681-28-75494
<u>MARPRO SUPER B ECO BLUE</u>	Tralopyril	74681-28-75494
<u>MICRO CF YBD104 SHELL WHITE</u>	Tralopyril	2693-230
<u>MICRON CF YBD100 BLUE</u>	Tralopyril	2693-230
<u>MICRON CF YBD101 GREEN</u>	Tralopyril	2693-230
<u>MICRON CF YBD102 RED</u>	Tralopyril	2693-230
<u>MICRON CF YBD103 BLACK</u>	Tralopyril	2693-230
<u>MICRON NAVIGATOR</u>	Tralopyril	2693-236
<u>MICRON NAVIGATOR BLACK</u>	Tralopyril	2693-236
<u>MICRON NAVIGATOR BLUE</u>	Tralopyril	2693-236
<u>MICRON NAVIGATOR GREEN</u>	Tralopyril	2693-236
<u>MICRON NAVIGATOR GREY</u>	Tralopyril	2693-236

<u>MICRON NAVIGATOR RED</u>	Tralopyril	2693-236
<u>MICRON NAVIGATOR</u>		
<u>WHITE</u>	Tralopyril	2693-236
<u>MICRONCF YBC100 BLUE</u>	Tralopyril	2693-230
<u>MICRONCF YBC101 GREEN</u>	Tralopyril	2693-230
<u>MICRONCF YBC102 RED</u>	Tralopyril	2693-230
<u>MICRONCF YBC103 BLACK</u>	Tralopyril	2693-230
<u>MICRONCF YBC104 SHELL</u>		
<u>WHITE</u>	Tralopyril	2693-230
<u>PACIFICA PLUS (VARIOUS</u>		
<u>COLORS)</u>	Tralopyril	2693-220
<u>PACIFICA PLUS YBB264</u>		
<u>GRAY WHITE</u>	Tralopyril	2693-220
<u>PETTIT HRT ECO HYBRID</u>		
<u>REACTIVE TECHNOLOGY</u>		
<u>COPPER FREE</u>		
<u>ANTIFOULING PAINT 1100</u>		
<u>WHI</u>	Tralopyril	60061-148
<u>PETTIT HRT ECO HYBRID</u>		
<u>REACTIVE TECHNOLOGY</u>		
<u>COPPER FREE</u>		
<u>ANTIFOULING PAINT 1200</u>		
<u>BLU</u>	Tralopyril	60061-148
<u>PETTIT HRT ECO HYBRID</u>		
<u>REACTIVE TECHNOLOGY</u>		
<u>COPPER FREE</u>		
<u>ANTIFOULING PAINT 1300</u>		
<u>PON</u>	Tralopyril	60061-148
<u>PETTIT HRT ECO HYBRID</u>		
<u>REACTIVE TECHNOLOGY</u>		
<u>COPPER FREE</u>		
<u>ANTIFOULING PAINT 1330</u>		
<u>GRE</u>	Tralopyril	60061-148
<u>PETTIT HRT ECO HYBRID</u>		
<u>REACTIVE TECHNOLOGY</u>		
<u>COPPER FREE</u>		
<u>ANTIFOULING PAINT 1600</u>		
<u>RED</u>	Tralopyril	60061-148
<u>PETTIT HRT ECO HYBRID</u>		
<u>REACTIVE TECHNOLOGY</u>		
<u>COPPER FREE</u>		
<u>ANTIFOULING PAINT 1800</u>		
<u>BLA</u>	Tralopyril	60061-148
<u>PETTIT HRT ECO HYBRID</u>		
<u>REACTIVE TECHNOLOGY</u>		
<u>ECO ANTIFOULING PAINT</u>	Tralopyril	60061-146

<u>PETTIT HRT HYBRID REACTIVE TECHNOLOGY ECO ANTIFOULING PAINT BLACK</u>	Tralopyril	60061-148
<u>PETTIT HYDROCOAT ECO COPPER FREE MULTI SEASON 1104 WHITE</u>	Tralopyril	60061-137
<u>PETTIT HYDROCOAT ECO COPPER FREE MULTI SEASON 1204 BLUE</u>	Tralopyril	60061-137
<u>PETTIT HYDROCOAT ECO COPPER FREE MULTI SEASON 1304 GREEN</u>	Tralopyril	60061-137
<u>PETTIT HYDROCOAT ECO COPPER FREE MULTI SEASON 1604 RED</u>	Tralopyril	60061-137
<u>PETTIT HYDROCOAT ECO COPPER FREE MULTI SEASON 1804 BLACK</u>	Tralopyril	60061-137
<u>PETTIT ODYSSEY TRITON BLACK</u>	Tralopyril	60061-147
<u>PETTIT ODYSSEY TRITON BLUE</u>	Tralopyril	60061-147
<u>PETTIT ODYSSEY TRITON WHITE</u>	Tralopyril	60061-147
<u>PETTIT ULTIMA ECO ABLATIVE ANTIFOULING 1808 BLACK</u>	Tralopyril	60061-134
<u>SEA HAWK PREMIUM QUALITY ISLANDS 44 TF ANTIFOULING COATING BLACK 1005TF</u>	Tralopyril	44891-20
<u>SEA HAWK PREMIUM QUALITY ISLANDS 44 TF ANTIFOULING COATING BLUE 1002TF</u>	Tralopyril	44891-20
<u>SEA HAWK PREMIUM QUALITY ISLANDS 44 TF ANTIFOULING COATING DARK BLUE 1030TF</u>	Tralopyril	44891-20
<u>SEA HAWK PREMIUM QUALITY ISLANDS 44 TF ANTIFOULING COATING RED 1001TF</u>	Tralopyril	44891-20
<u>SEA HAWK PREMIUM QUALITY ISLANDS 44 TF ANTIFOULING COATING TEAL 1035TF</u>	Tralopyril	44891-20

<u>SEA HAWK PREMIUM</u> <u>QUALITY SMART SOLUTION</u> <u>ANTIFOULING COATING</u> <u>4705</u>	Tralopyril	44891-19
<u>SEA HAWK PREMIUM</u> <u>YACHT FINISHES PREMIUM</u> <u>QUALITY COLORKOTE...</u> <u>COATING YELLOW 4904</u>	Tralopyril	44891-21
<u>SEA HAWK PREMIUM</u> <u>YACHT FINISHES PREMIUM</u> <u>QUALITY COLORKOTE...G</u> <u>COATING GREEN 4903</u>	Tralopyril	44891-21
<u>SEA HAWK PREMIUM</u> <u>YACHT FINISHES PREMIUM</u> <u>QUALITY COLORKOTE...ING</u> <u>COATING RED 4901</u>	Tralopyril	44891-21
<u>SEA HAWK PREMIUM</u> <u>YACHT FINISHES PREMIUM</u> <u>QUALITY COLORKOTE...NG</u> <u>BRIGHT WHITE 4910</u>	Tralopyril	44891-21
<u>SEA HAWK PREMIUM</u> <u>YACHT FINISHES PREMIUM</u> <u>QUALITY COLORKOTE...NG</u> <u>COATING BLUE 4902</u>	Tralopyril	44891-21
<u>SEA HAWK PREMIUM</u> <u>YACHT FINISHES PREMIUM</u> <u>QUALITY</u> <u>COLORKOTE...TING DEEP</u> <u>BLACK 4905</u>	Tralopyril	44891-21
<u>SEAJET 038 TAISHO BLACK</u>	Tralopyril	48302-19
<u>SEAJET 038 TAISHO BRIGHT</u> <u>RED</u>	Tralopyril	48302-19
<u>SEAJET 038 TAISHO DARK</u> <u>GRAY</u>	Tralopyril	48302-19
<u>SEAJET 038 TAISHO MID</u> <u>BLUE</u>	Tralopyril	48302-19
<u>SEAJET 038 TAISHO NAVY</u> <u>BLUE</u>	Tralopyril	48302-19
<u>SEAJET 038 TAISHO WHITE</u>	Tralopyril	48302-19
<u>SEAVOYAGE COPPER FREE</u> <u>ANTIFOULING PAINT BLACK</u>	Tralopyril	577-570
<u>SEAVOYAGE COPPER FREE</u> <u>ANTIFOULING PAINT -BLUE</u>	Tralopyril	577-570
<u>SEAVOYAGE COPPER FREE</u> <u>ANTIFOULING PAINT</u> <u>-LIGHT RED</u>	Tralopyril	577-570
<u>SEAVOYAGE COPPER FREE</u> <u>ANTIFOULING PAINT RED</u>	Tralopyril	577-570

<u>SHELTER ISLAND PLUS</u>		
<u>BLACK</u>	Tralopyril	74681-28
<u>SHELTER ISLAND PLUS</u>		
<u>DEEP BLUE</u>	Tralopyril	74681-28
<u>SHELTER ISLAND PLUS</u>		
<u>WHITE</u>	Tralopyril	74681-28
<u>SIGMA NEXEON 610</u>	Tralopyril	7313-26
<u>SUPER B PLATINUM BLACK</u>	Tralopyril	44891-20-75494
<u>SUPER B PLATINUM BLUE</u>	Tralopyril	44891-20-75494
<u>TRINIDAD XSR BLACK</u>	Tralopyril	60061-147
<u>TRINIDAD XSR BLUE</u>	Tralopyril	60061-147
<u>TRINIDAD XSR GREEN</u>	Tralopyril	60061-147
<u>TRINIDAD XSR RED</u>	Tralopyril	60061-147
<u>ABSOLUTE 500 SC</u>		
<u>FUNGICIDE</u>	Trifloxystrobin	264-849
<u>ABSOLUTE MAXX</u>	Trifloxystrobin	264-849
<u>DELARO 325 SC FUNGICIDE</u>	Trifloxystrobin	264-1055
<u>DELARO COMPLETE</u>	Trifloxystrobin	264-1207
<u>EVERGOL ACTIV</u>	Trifloxystrobin	264-1182
<u>FLINT EXTRA</u>	Trifloxystrobin	264-826
<u>GEM 500 SC FUNGICIDE</u>	Trifloxystrobin	264-826
<u>INTERFACE FUNGICIDE</u>	Trifloxystrobin	432-1505
<u>INTERFACE STRESSGARD</u>	Trifloxystrobin	432-1505
<u>MAGISTRATE</u>	Trifloxystrobin	34704-1114
<u>PROSPER EVERGOL</u>	Trifloxystrobin	264-1121
<u>PROSPER FX</u>	Trifloxystrobin	264-1034
<u>PROTEGAM YLD</u>	Trifloxystrobin	264-1093-1381
<u>STRATEGO FUNGICIDE</u>	Trifloxystrobin	264-779
<u>STRATEGO YLD FUNGICIDE</u>	Trifloxystrobin	264-1093
<u>TRILEX 2000</u>	Trifloxystrobin	264-1068
<u>TRILEX FLOWABLE</u>		
<u>FUNGICIDE</u>	Trifloxystrobin	264-989
<u>USF 0728 325 SC</u>		
<u>FUNGICIDE</u>	Trifloxystrobin	264-1055
<u>MONUMENT 75WG</u>		
<u>HERBICIDE</u>	Trifloxysulfuron-sodium mor	100-1134
<u>RECOGNITION</u>	Trifloxysulfuron-sodium mor	100-1658
<u>PROCURE 480 SC</u>		
<u>AGRICULTURAL FUNGICIDE</u>	Triflumizole	70506-582
<u>TERRAGUARD SC</u>	Triflumizole	70506-583-59807
<u>TERRAGUARD SC</u>	Triflumizole	70506-583
<u>TERRAGUARD SC/LS</u>	Triflumizole	70506-584
<u>TRIONIC 4SC FUNGICIDE</u>	Triflumizole	70506-328
<u>AGRISOLUTIONS TRUST</u>		
<u>HERBICIDE</u>	Trifluralin	1381-146
<u>BIOBARRIER ROOT</u>		
<u>CONTROL SYSTEM</u>	Trifluralin	59823-1
<u>DREXEL TRIFLURALIN 4EC</u>	Trifluralin	19713-254

<u>HI YIELD CRABGRASS CONTROL</u>	Trifluralin	10163-340-7401
<u>HI-YIELD HERBICIDE GRANULES CONTAINING TREFLA</u>	Trifluralin	7401-349-10159
<u>LEBANON TEAM 2G HERBICIDE</u>	Trifluralin	10163-340-961
<u>LEBANON TREFLAN 5G</u>	Trifluralin	961-405
<u>LESCO TRIFLURALIN 5G HERBICIDE (702307)</u>	Trifluralin	10404-118
<u>MIRACLE-GRO GARDEN WEED PREVENTER 1</u>	Trifluralin	62355-5
<u>PREEN EXTENDED WEED CONTROL</u>	Trifluralin	961-421
<u>PREEN GARDEN WEED PREVENTER</u>	Trifluralin	961-280
<u>PREEN MULCH W/ EXTENDED CONTROL WEED PREVENTER</u>	Trifluralin	961-408-85858
<u>PREEN MULCH W/ EXTENDED CONTROL WEED PREVENTER</u>	Trifluralin	961-408-74547
<u>QUALI-PRO T/I 2.5 G</u>	Trifluralin	53883-435
<u>SNAPSHOT 2.5 TG</u>	Trifluralin	62719-175
<u>SNAPSHOT DG</u>	Trifluralin	62719-175
<u>TREFLAN HFP</u>	Trifluralin	10163-363
<u>TREFLAN TR-10</u>	Trifluralin	10163-362
<u>TRIFLURALIN 10G</u>	Trifluralin	34704-790
<u>TRIFLURALIN 4 E.C.</u>	Trifluralin	5905-519
<u>TRIFLURALIN 4EC</u>	Trifluralin	42750-32
<u>TRIFLURALIN HF</u>	Trifluralin	34704-792
<u>TRIFLURALIN TECHNICAL</u>	Trifluralin	10163-361
<u>VEGETABLE & ORNAMENTAL WEEDER</u>	Trifluralin	54705-6
<u>WOODACE PREEN PLUS</u>	Trifluralin	961-370