1. Identification

Product identifier used on the label

PT TRI-DIE PRESSURIZED DUST INSECTICIDE

Recommended use of the chemical and restriction on use
Recommended use*: insecticide

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Substance number: 546173
EPA Registration number: 499-385
Synonyms: Pyrethrins + piperonyl butoxide + amorphous silica dioxide

2. Hazards Identification


Classification of the product

<table>
<thead>
<tr>
<th>Classification</th>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asp. Tox.</td>
<td>1</td>
<td>Aspiration hazard</td>
</tr>
<tr>
<td>Skin Corr./Irr.</td>
<td>2</td>
<td>Skin corrosion/irritation</td>
</tr>
<tr>
<td>Eye Dam./Irr.</td>
<td>2A</td>
<td>Serious eye damage/eye irritation</td>
</tr>
<tr>
<td>Muta.</td>
<td>1B</td>
<td>Germ cell mutagenicity</td>
</tr>
<tr>
<td>Carc.</td>
<td>1B</td>
<td>Carcinogenicity</td>
</tr>
<tr>
<td>STOT SE</td>
<td>3</td>
<td>Specific target organ toxicity — single exposure</td>
</tr>
</tbody>
</table>

(Vapours may cause drowsiness and)
Aquatic Acute 2 Hazardous to the aquatic environment - acute
Aquatic Chronic 2 Hazardous to the aquatic environment - chronic
Flam. Aerosol 1 Flammable aerosols

Label elements

Pictogram:

Signal Word:
Danger

Hazard Statement:
H222 Extremely flammable aerosol.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H304 May be fatal if swallowed and enters airways.
H336 May cause drowsiness or dizziness.
H350 May cause cancer.
H340 May cause genetic defects.
H401 Toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P201 Obtain special instructions before use.
P273 Avoid release to the environment.
P271 Use only outdoors or in a well-ventilated area.
P202 Do not handle until all safety precautions have been read and understood.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P211 Do not spray on an open flame or other ignition source.
P251 Do not pierce or burn, even after use.
P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):
P308 + P311 IF exposed or concerned: Call a POISON CENTER or doctor/physician.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P391 Collect spillage.
P337 + P311 If eye irritation persists: Call a POISON CENTER or doctor/physician.
P331 Do NOT induce vomiting.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P410 + P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C/122°F.

Precautionary Statements (Disposal):
P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

Labeling of special preparations (GHS):
The following percentage of the mixture consists of components(s) with unknown hazards regarding
the acute toxicity: 15 - 28 % dermal
The following percentage of the mixture consists of components(s) with unknown hazards regarding
the acute toxicity: 15 - 28 % oral
The following percentage of the mixture consists of components(s) with unknown hazards regarding
the acute toxicity: 21 - 34 % Inhalation - vapour
The following percentage of the mixture consists of components(s) with unknown hazards regarding
the acute toxicity: 21 - 35 % Inhalation - mist
May produce an allergic reaction. Contains: 1,3-Benzodioxole, 5-[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl-


Emergency overview

CAUTION:
KEEP OUT OF REACH OF CHILDREN.
Can cause moderate eye irritation.
Avoid contact with the skin, eyes and clothing.
Wash thoroughly after handling.
Avoid inhalation of mists/vapours.
Flammable Liquid
Aerosol container contains flammable gas under pressure.

3. Composition / Information on Ingredients


<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Weight %</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>8003-34-7</td>
<td>0.6 %</td>
<td>pyrethrum</td>
</tr>
<tr>
<td>51-03-6</td>
<td>4.8 %</td>
<td>Piperonylbutoxide</td>
</tr>
<tr>
<td>112926-00-8</td>
<td>8.0 %</td>
<td>Silica gel, precipitated, crystalline free</td>
</tr>
<tr>
<td>67-64-1</td>
<td>50.0 - 75.0%</td>
<td>Acetone</td>
</tr>
<tr>
<td>540-84-1</td>
<td>7.0 - 15.0%</td>
<td>2,2,4-trimethylpentane</td>
</tr>
<tr>
<td>64741-66-8</td>
<td>7.0 - 15.0%</td>
<td>Naphtha (petroleum), light alkylate</td>
</tr>
<tr>
<td>64742-47-8</td>
<td>1.0 - 3.0%</td>
<td>Distillates, petroleum</td>
</tr>
<tr>
<td>75-37-6</td>
<td>10.0 - 15.0%</td>
<td>Ethane, 1,1-difluoro-</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Weight %</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>8003-34-7</td>
<td>0.6 %</td>
<td>pyrethrum</td>
</tr>
<tr>
<td>51-03-6</td>
<td>4.8 %</td>
<td>Piperonylbutoxide</td>
</tr>
<tr>
<td>112926-00-8</td>
<td>8.0 %</td>
<td>Silica gel, precipitated, crystalline free</td>
</tr>
</tbody>
</table>
4. First-Aid Measures

**Description of first aid measures**

**General advice:**
First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

**If inhaled:**
Keep patient calm, remove to fresh air, seek medical attention.

**If on skin:**
Immediately wash thoroughly with soap and water, seek medical attention.

**If in eyes:**
Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

**If swallowed:**
Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting due to aspiration hazard.

**Most important symptoms and effects, both acute and delayed**

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Further important symptoms and effects are so far not known.

Hazards: Vomiting may cause aspiration pneumonia due to the ingredients.

**Indication of any immediate medical attention and special treatment needed**

**Note to physician**
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

**Extinguishing media**

Suitable extinguishing media:
foam, dry powder, carbon dioxide

**Special hazards arising from the substance or mixture**

Hazards during fire-fighting:
carbon monoxide, carbon dioxide, hydrogen fluoride, halogenated hydrocarbons, halogenated compounds
The substances/groups of substances mentioned can be released in case of fire. Aerosol container contains flammable gas under pressure. Risk of explosion at excessive temperatures.

**Advice for fire-fighters**

Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

**Further information:**
Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways.

### 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**
Take appropriate protective measures. Clear area. Shut off source of leak only under safe conditions. Extinguish sources of ignition nearby and downwind. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

**Environmental precautions**
Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. Contain contaminated water/firefighting water. A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities. This product is regulated by CERCLA ('Superfund').

**Methods and material for containment and cleaning up**
Dike spillage. Pick up with suitable absorbent material. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

### 7. Handling and Storage

**Precautions for safe handling**
RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Provide means for controlling leaks and spills. Follow label warnings even after container is emptied. The substance/product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:
Aerosol container contains flammable gas under pressure. The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme heat. Ground all transfer equipment properly to prevent electrostatic discharge. Electrostatic discharge may cause ignition.

**Conditions for safe storage, including any incompatibilities**
Segregate from incompatible substances. Segregate from foods and animal feeds. Segregate from textiles and similar materials.
Further information on storage conditions: Protect containers from physical damage. Store in a cool, dry, well-ventilated area. Avoid all sources of ignition: heat, sparks, open flame.

Storage stability:
May be kept indefinitely if stored properly.
If an expiry date is mentioned on the packaging/label this takes priority over the statements on storage duration in this safety data sheet.
Protect from temperatures above: 130 °F
Explosive at or above indicated temperature.

8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

Components with occupational exposure limits

<table>
<thead>
<tr>
<th>Component</th>
<th>OSHA PEL</th>
<th>PEL</th>
<th>TWA value</th>
<th>STEL value</th>
<th>STEL value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acetone</td>
<td></td>
<td>1,000 ppm</td>
<td>750 ppm</td>
<td>1,800 mg/m3</td>
<td>1000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2,400 mg/m3</td>
<td></td>
<td>2,400 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
<td>STEL value</td>
<td>500 ppm</td>
<td>TWA value</td>
<td>250 ppm</td>
</tr>
<tr>
<td>carbon dioxide</td>
<td></td>
<td>5,000 ppm</td>
<td>10,000 ppm</td>
<td>54,000 mg/m3</td>
<td>18,000 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>9,000 mg/m3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
<td>STEL value</td>
<td>30,000 ppm</td>
<td>TWA value</td>
<td>5,000 ppm</td>
</tr>
<tr>
<td>2,2,4-trimethylpentane</td>
<td></td>
<td>500 ppm</td>
<td>300 ppm</td>
<td>1,450 mg/m3</td>
<td>375 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2,350 mg/m3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
<td>TWA value</td>
<td>300 ppm</td>
<td>TWA value</td>
<td>300 ppm</td>
</tr>
<tr>
<td>Distillates, petroleum</td>
<td>ACGIH TLV</td>
<td>TWA value</td>
<td>200 mg/m3</td>
<td>Non-aerosol</td>
<td>(total</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>hydrocarbon vapor);</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Application restricted to conditions in which there are negligible aerosol exposures.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Skin Designation Non-aerosol (total hydrocarbon vapor);</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The substance can be absorbed through the skin.</td>
</tr>
<tr>
<td>Silica gel, precipitated, crystalline free</td>
<td>OSHA PEL</td>
<td>TWA value</td>
<td>6 mg/m3</td>
<td>TWA value</td>
<td>0.8 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>The exposure limit is calculated from the equation, 80/(%SiO2), using a value of 100% SiO2. Lower percentages of SiO2 will yield higher exposure limits.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>TWA value 20 millions of particles per cubic foot of air;</td>
</tr>
</tbody>
</table>

Advice on system design:
Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.
Personal protective equipment

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:
Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

Hand protection:
Chemical resistant protective gloves. Protective glove selection must be based on the user's assessment of the workplace hazards.

Eye protection:
Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

Body protection:
Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

General safety and hygiene measures:
RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Take off immediately all contaminated clothing. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

- Form: aerosol
- Odour: characteristic, of acetone
- Odour threshold: Not determined due to potential health hazard by inhalation.
- Colour: off-white
- pH value: approx. 5 - 7 (23.4 °C)
- Melting point: < 0 °C
  The statements are based on the properties of the individual components.
- Onset of boiling: -25 °C
  The statements are based on the properties of the individual components.
- Flammability: Extremely flammable.
- Aerosol foam: > 18 in
- Flammability test: no flashback
- NFPA 30B flammability: Level 2 Aerosol
Lower explosion limit: As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Upper explosion limit: As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.

Vapour pressure: > 1 hPa
The statements are based on the properties of the individual components.

Density: approx. 0.84 g/cm³
(21 °C)

Vapour density: not applicable

Partitioning coefficient n-octanol/water (log Pow): not applicable

Self-ignition temperature: Based on its structural properties the product is not classified as self-igniting.

Thermal decomposition: carbon monoxide, carbon dioxide, halogenated hydrocarbons, hydrogen fluoride
Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. To avoid thermal decomposition, do not overheat.

Viscosity, dynamic: approx. 110 mPa.s
(21.3 °C)

Solubility in water: slightly soluble

Evaporation rate: not applicable

Other Information: If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Reactivity
No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:
Corrosive effects to metal are not anticipated.

Oxidizing properties:
Based on its structural properties the product is not classified as oxidizing.

Chemical stability
The product is stable if stored and handled as prescribed/indicated.

Possibility of hazardous reactions
The product is chemically stable.

Conditions to avoid
Incompatible materials
No substances known that should be avoided.

Hazardous decomposition products

Decomposition products:
No hazardous decomposition products if stored and handled as prescribed/indicated. Prolonged thermal loading can result in products of degradation being given off.

Thermal decomposition:
Possible thermal decomposition products:
carbon monoxide, carbon dioxide, halogenated hydrocarbons, hydrogen fluoride
Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. To avoid thermal decomposition, do not overheat.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Oral
Type of value: LD50
Species: rat (female)
Value: > 5,000 mg/kg

Inhalation
Type of value: LC50
Species: rat (male/female)
Value: > 2.11 mg/l
Exposure time: 4 h
An aerosol was tested.
No mortality was observed.

Dermal
Type of value: LD50
Species: rat (male/female)
Value: > 5,000 mg/kg

Assessment other acute effects
Assessment of STOT single:
Possible narcotic effects (drowsiness or dizziness).

The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation / corrosion
Assessment of irritating effects: May cause slight irritation to the skin. May cause moderate but temporary irritation to the eyes.

Skin
Species: rabbit
Result: Slightly irritating.

Eye
Species: rabbit
Result: Slightly irritating.

Sensitization
Assessment of sensitization: Skin sensitizing effects were not observed in animal studies.

Buehler test
Species: guinea pig
Result: Skin sensitizing effects were not observed in animal studies.

Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Piperonylbutoxide
Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the liver after repeated inhalation of high doses. Repeated dermal uptake of the substance did not cause substance-related effects.

Information on: Acetone
Assessment of repeated dose toxicity: The substance may cause damage to the testes after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the hematological system after repeated ingestion of high doses. The substance may cause damage to the kidney after repeated ingestion of high doses, as shown in animal studies.

Information on: carbon dioxide
Assessment of repeated dose toxicity: The substance may cause damage to the lung after repeated inhalation of high doses. The substance may cause damage to the heart after repeated inhalation of high doses, as shown in animal studies.

Genetic toxicity
Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Information on: pyrethrum
Assessment of mutagenicity: Mutagenicity tests revealed no genotoxic potential. The product has not been tested. The statement has been derived from the properties of the individual components. No mutagenic effects reported.

Carcinogenicity
Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.
Information on: pyrethrum
Assessment of carcinogenicity: The results of various animal studies gave no indication of a carcinogenic effect. The product has not been tested. The statement has been derived from the properties of the individual components.
Not Likely to Be Carcinogenic to Humans.

Reproductive toxicity
Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: pyrethrum
Assessment of reproduction toxicity: No reproductive toxic effects reported.

Information on: Acetone
Assessment of reproduction toxicity: As shown in animal studies, the product may cause damage to the testes after repeated high exposures that cause other toxic effects.

Teratogenicity
Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: pyrethrum
Assessment of teratogenicity: No indications of a developmental toxic / teratogenic effect were seen in animal studies.

Other Information
Misuse can be harmful to health. Has a degreasing effect on skin.

Symptoms of Exposure
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., Further important symptoms and effects are so far not known.

12. Ecological Information

Toxicity
Aquatic toxicity
Assessment of aquatic toxicity: Very toxic to aquatic life with long lasting effects. The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish

Information on: pyrethrum
LC50 (96 h) 0.0052 mg/l, Oncorhynchus mykiss (static)
LC50 (96 h) 0.01 mg/l, Lepomis macrochirus

Information on: piperonyl butoxide
LC50 1.9 mg/l, Oncorhynchus mykiss
Aquatic invertebrates

Information on: pyrethrum
EC50 (48 h) 0.012 mg/l, Daphnia magna
EC50 (48 h) 0.0014 mg/l, Mysidopsis bahia

Information on: piperonyl butoxide
EC50 0.49 mg/l, Mysidopsis bahia

Aquatic plants

Information on: pyrethrum
No toxic effects occur within the range of solubility.

Information on: piperonyl butoxide
EC50 14.9 mg/l, Chlorella fusca

Persistence and degradability

Assessment biodegradation and elimination (H2O)
The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulative potential

Assessment bioaccumulation potential
The product has not been tested. The statement has been derived from the properties of the individual components.

Assessment bioaccumulation potential

Information on: Piperonylbutoxide

Accumulation in organisms is not to be expected.

Mobility in soil

Assessment transport between environmental compartments
The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: pyrethrum

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

Information on: Piperonylbutoxide

Adsorption to solid soil phase is not expected.

Additional information

Other ecotoxicological advice:
13. Disposal considerations

**Waste disposal of substance:**
Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container disposal:**
Do not cut, puncture, crush, or incinerate empty aerosol containers. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Empty aerosol cans may meet the definition of RCRA D003. Consult local and/or regional EPA for further guidance.

14. Transport Information

**Land transport**

USDOT

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID number</td>
<td>UN 1950</td>
</tr>
<tr>
<td>Hazard label</td>
<td>2.1, EHSM</td>
</tr>
<tr>
<td>Proper shipping name</td>
<td>AEROSOLS (contains 1,1-DIFLUOROETHANE, ACETONE/DIMETHYLKETONE)</td>
</tr>
</tbody>
</table>

**Sea transport**

IMDG

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID number</td>
<td>UN 1950</td>
</tr>
<tr>
<td>Hazard label</td>
<td>2.1, EHSM</td>
</tr>
<tr>
<td>Marine pollutant</td>
<td>YES</td>
</tr>
<tr>
<td>Proper shipping name</td>
<td>AEROSOLS (contains 1,1-DIFLUOROETHANE, ACETONE/DIMETHYLKETONE)</td>
</tr>
</tbody>
</table>

**Air transport**

IATA/ICAO

<table>
<thead>
<tr>
<th>Hazard class</th>
<th>2.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID number</td>
<td>UN 1950</td>
</tr>
<tr>
<td>Hazard label</td>
<td>2.1</td>
</tr>
<tr>
<td>Proper shipping name</td>
<td>AEROSOLS, FLAMMABLE (contains 1,1-DIFLUOROETHANE, ACETONE/DIMETHYLKETONE)</td>
</tr>
</tbody>
</table>

**Further information**

DOT: This product may be classified as ORM-D (Consumer Commodity) or Limited Quantity. After 12/31/2020, ORM-D will not apply.

15. Regulatory Information

**Federal Regulations**

**Registration status:**
Crop Protection | TSCA, US | released / exempt
EPCRA 311/312 (Hazard categories): Acute; Chronic

EPCRA 313:

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>51-03-6</td>
<td>Piperonylbutoxide</td>
</tr>
</tbody>
</table>

CERCLA RQ

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td>540-84-1</td>
<td>2,2,4-trimethylpentane</td>
</tr>
<tr>
<td>8003-34-7</td>
<td>Pyrethrins</td>
</tr>
</tbody>
</table>

State regulations

<table>
<thead>
<tr>
<th>State RTK</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>PA</td>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td></td>
<td>540-84-1</td>
<td>2,2,4-trimethylpentane</td>
</tr>
<tr>
<td></td>
<td>112926-00-8</td>
<td>Silica gel, precipitated, crystalline free</td>
</tr>
<tr>
<td></td>
<td>124-38-9</td>
<td>carbon dioxide</td>
</tr>
<tr>
<td></td>
<td>64742-47-8</td>
<td>Distillates, petroleum</td>
</tr>
<tr>
<td>MA</td>
<td>75-37-6</td>
<td>Ethane, 1,1-difluoro-</td>
</tr>
<tr>
<td></td>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td></td>
<td>540-84-1</td>
<td>2,2,4-trimethylpentane</td>
</tr>
<tr>
<td></td>
<td>112926-00-8</td>
<td>Silica gel, precipitated, crystalline free</td>
</tr>
<tr>
<td></td>
<td>124-38-9</td>
<td>carbon dioxide</td>
</tr>
<tr>
<td></td>
<td>64742-47-8</td>
<td>Distillates, petroleum</td>
</tr>
<tr>
<td>NJ</td>
<td>75-37-6</td>
<td>Ethane, 1,1-difluoro-</td>
</tr>
<tr>
<td></td>
<td>67-64-1</td>
<td>Acetone</td>
</tr>
<tr>
<td></td>
<td>540-84-1</td>
<td>2,2,4-trimethylpentane</td>
</tr>
<tr>
<td></td>
<td>124-38-9</td>
<td>carbon dioxide</td>
</tr>
<tr>
<td></td>
<td>64742-47-8</td>
<td>Distillates, petroleum</td>
</tr>
<tr>
<td></td>
<td>51-03-6</td>
<td>Piperonylbutoxide</td>
</tr>
<tr>
<td></td>
<td>112926-00-8</td>
<td>Silica gel, precipitated, crystalline free</td>
</tr>
</tbody>
</table>

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:
KEEP OUT OF REACH OF CHILDREN.
May cause moderate but temporary irritation to the eyes.
Avoid contact with the skin, eyes and clothing.
Wash thoroughly after handling.
Avoid inhalation of mists/vapours.
Flammable Liquid
Aerosol container contains flammable gas under pressure.

16. Other Information

SDS Prepared by:
We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO Case SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK. END OF DATA SHEET