

## 1. Identification

|   |  |                    |
|---|--|--------------------|
| <b>Product identifier</b>                                     | <b>AZTEC® 4.67 G</b>   |                    |
| <b>Other means of identification</b>                          |  |                    |
| <b>SDS number</b>   | 292.1  |                    |
| <b>Recommended use</b>  | Organophosphate insecticide. For control of corn rootworms, cutworms and other listed soil insect pests in corn. |                    |
| <b>Recommended restrictions</b>                               | This is a Restricted Use Pesticide and is for use by licensed applicators only.                                  |                    |
| <b>EPA Registration number</b>                                | EPA: 5481-9028   |                    |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |  |                    |
| <b>Manufacturer</b>   |  |                    |
| <b>Company name</b>   | AMVAC Chemical Corporation   |                    |
| <b>Address</b>  | 4100 E Washington Blvd<br>Los Angeles, CA 90023 USA  |                    |
| <b>Telephone</b>  | AMVAC Chemical Corp  | 323-264-3910       |
|   | AMVAC Chemical Corp  | 323-268-1028 (FAX) |
| <b>Website</b>  | www.Amvac-Chemical.com   |                    |
| <b>E-mail</b>   | CustServ@Amvac-Chemical.com  |                    |
| <b>Emergency phone number</b>                                 | Medical  | 888-681-4261       |
|   | CHEMTREC® (USA+Canada)   | 800-424-9300       |
|   | Product Use  | 888-462-6822       |
|   | CHEMTREC® (Outside USA)  | +1-703-527-3887    |

## 2. Hazard(s) identification

|                              |  |            |
|------------------------------|--|------------|
| <b>Physical hazards</b>      | Not classified.  |            |
| <b>Health hazards</b>        | Acute toxicity, oral                                   | Category 3 |
|                              | Acute toxicity, inhalation                             | Category 3 |
|                              | Reproductive toxicity                                  | Category 2 |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard     | Category 1 |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 1 |
| <b>OSHA defined hazards</b>  | Not classified.  |            |

### Label elements



|                                |  |
|--------------------------------|--|
| <b>Signal word</b>             | Danger   |
| <b>Hazard statement</b>        | Toxic if swallowed. Fatal if inhaled. Suspected of damaging fertility or the unborn child. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.   |
| <b>Precautionary statement</b> |  |
| <b>Prevention</b>              | Do not handle until all safety precautions have been read and understood. Do not breathe dust. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Wear respiratory protection. |
| <b>Response</b>                | If swallowed: Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. Specific treatment is urgent (see this label). Rinse mouth. Collect spillage.   |
| <b>Storage</b>                 | Store in a well-ventilated place. Keep container tightly closed. Store locked up.  |
| <b>Disposal</b>                | Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose of waste and residues in accordance with all applicable regulatory requirements.   |

**Hazard(s) not otherwise classified (HNOC)**

None known.

**Supplemental information**

This chemical is a pesticide product registered by the United States 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 (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

**WARNING**

May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or dust. Avoid contact with eyes, skin, and clothing. This product is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present (except for application to cranberry bogs) or to intertidal areas below the mean high water mark. Do not allow this material to drift onto neighboring crops or noncrop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues, or other undesirable results may occur.

**3. Composition/information on ingredients**

**Mixtures**

| Chemical name | Common name and synonyms   | CAS number | %    |
|---------------|--|------------|------|
| Tebupirimphos | O-(2-tert-butylpyrimidin-5-yl) O-ethyl O-isopropyl phosphorothioate<br>phostebupirim | 96182-53-5 | 4.45 |
| Cyfluthrin    |  | 68359-37-5 | 0.22 |

**Additional components**

| Chemical name   | CAS number | %     |
|-----------------|------------|-------|
| Other compounds |            | 95.33 |

**4. First-aid measures**

**Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a physician or poison control center immediately.

**Skin contact**

Wash off with soap and water. Get medical attention if irritation develops and persists.

**Eye contact**

Do not rub eyes. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eyes and lids with water. If there will be a delay in getting medical attention, rinse the eyes an additional 15 minutes.

**Ingestion**

Call a physician or poison control center immediately. Rinse mouth. Have person sip a glass of water if able to swallow. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions.

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

This product is a Cholinesterase Inhibitor. Preexisting skin or respiratory disorders may be aggravated by exposure to components of this product. Preexisting conditions which lower cholinesterase levels increase vulnerability to cholinesterase depression. These include: (for plasma) chronic alcoholism; malnutrition; dermatomyositis; existing toxicity from exposure to carbon disulfide; benzalkonium salts, organic mercury compounds, ciguatoxins or solanines; and (for RBC) hemolytic anemia. Dusts may irritate the respiratory tract, skin and eyes.

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

Establish airway and oxygenation. IV Atropine sulfate is the antidote of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10 minutes intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Pralidoxime chloride (2-PAM chloride) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion, in 250 cc of saline over a 15 to 20 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5% solution in water over not less than 2 minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children, the dose of 2-PAM is 0.25 grams. Avoid morphine, aminophylline, phenothiazine, reserpine, furosemide and ethacrynic acid. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been attained as determined by a blood test. Bathe and shampoo contaminated skin and hair. If ingested, empty stomach; activated charcoal is useful to further limit absorption. If victim is alert, Syrup of Ipecac (2 tablespoons in adults, 1 tablespoon in small children) is indicated. If symptoms such as loss of gag reflex, convulsions, or unconsciousness occur before emesis, gastric lavage should be considered following intubation with a cuffed endotracheal tube. This product is an Organophosphate (OP) Insecticide. Do not handle the patient without the following protective equipment in place: chemical resistant gloves and apron (preferably nitrile). Remove contaminated clothing and do not reuse without thorough cleaning with detergent and hot water. Dispose of heavily contaminated clothing, including shoes, as a hazardous waste. Do not wait for laboratory confirmation to treat patients with strong clinical evidence of poisoning. In the USA and other countries, contact your local or national poison control center for more information. Keep victim under observation. Keep victim warm. Symptoms may be delayed.

**General information**

IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. This product is a Cholinesterase Inhibitor. A physician should be contacted in all cases of exposure to the technical and its formulations.

**5. Fire-fighting measures**

**Suitable extinguishing media**

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

**Unsuitable extinguishing media**

None known.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for firefighters**

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions**

Use water spray to cool unopened containers. Dike and collect extinguishing water.

**Specific methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

**General fire hazards**

No unusual fire or explosion hazards noted.

**6. Accidental release measures**

**Personal precautions, protective equipment and emergency procedures**

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not breathe dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

**Methods and materials for containment and cleaning up**

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Shovel the material into waste container. Prevent product from entering drains. Clean surface thoroughly to remove residual contamination. Scrub contaminated area with detergent and bleach solution.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**Environmental precautions**

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases.

## 7. Handling and storage

### Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Do not breathe dust. Do not taste or swallow. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Keep product away from food, drink, cosmetics, and tobacco products. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment.

### Conditions for safe storage, including any incompatibilities

Store locked up. Store in original tightly closed container. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Additional components | Type | Value                                       | Form                                |
|-----------------------|------|---|-------------------------------------|
| Nuisance Dust         | PEL  | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup> | Respirable fraction.<br>Total dust. |

#### US. OSHA Table Z-3 (29 CFR 1910.1000)

| Additional components  | Type | Value  | Form                                |
|--|------|--|-------------------------------------|
| Nuisance Dust  | TWA  | 5 mg/m <sup>3</sup><br>15 mg/m <sup>3</sup>    | Respirable fraction.<br>Total dust. |
| free respirable Crystalline (quartz) Silica (CAS 14808-60-7) | TWA  | 0.3 mg/m <sup>3</sup><br>0.1 mg/m <sup>3</sup> | Total dust.<br>Respirable.          |

#### US. ACGIH Threshold Limit Values

| Additional components  | Type | Value                   | Form                 |
|--|------|-------------------------|----------------------|
| free respirable Crystalline (quartz) Silica (CAS 14808-60-7) | TWA  | 0.025 mg/m <sup>3</sup> | Respirable fraction. |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Additional components  | Type | Value                  | Form             |
|--|------|------------------------|------------------|
| free respirable Crystalline (quartz) Silica (CAS 14808-60-7) | TWA  | 0.05 mg/m <sup>3</sup> | Respirable dust. |

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

#### Skin protection

##### Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

##### Other

Wear appropriate chemical resistant clothing (see label). The following clothing is required: overalls or pants and long-sleeved shirt, chemical resistant gloves (preferably nitrile), chemical resistant boots. For added protection a chemical resistant apron and a full face shield are recommended. If there is a risk of splashing, misting or release the following additional PPE is required: two piece hooded chemical resistant suit with either a full face respirator or a SCBA. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available, use detergent and hot water. Keep and wash PPE separately. The label should be consulted for more detailed instructions on appropriate PPE.

##### Respiratory protection

Use a NIOSH/MSHA approved dust/mist filtering respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. The label should be consulted for more specific information with regards to respiratory protection.

##### Thermal hazards

Not available.

### General hygiene considerations

Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

|   |                            |
|---|----------------------------|
| <b>Physical state</b>                               | Solid.                     |
| <b>Form</b>   | Dry flowable granules.     |
| <b>Color</b>  | Gray, tan, or reddish      |
| <b>Odor</b>   | Slight onion-like odor     |
| <b>Odor threshold</b>                               | Not available.             |
| <b>pH</b>   | Not available.             |
| <b>Melting point/freezing point</b>                 | Not available.             |
| <b>Initial boiling point and boiling range</b>      | Not applicable             |
| <b>Flash point</b>                                  | Not applicable             |
| <b>Evaporation rate</b>                             | Not applicable             |
| <b>Flammability (solid, gas)</b>                    | Not available.             |
| <b>Upper/lower flammability or explosive limits</b> |                            |
| <b>Explosive limit - lower (%)</b>                  | Not available.             |
| <b>Explosive limit - upper (%)</b>                  | Not available.             |
| <b>Vapor pressure</b>                               | Not available.             |
| <b>Vapor density</b>                                | Not available.             |
| <b>Relative density</b>                             | Not available.             |
| <b>Solubility(ies)</b>                              |                            |
| <b>Solubility (water)</b>                           | negligible solubility      |
| <b>Auto-ignition temperature</b>                    | Not applicable             |
| <b>Decomposition temperature</b>                    | Not available.             |
| <b>Viscosity</b>                                    | Not applicable             |
| <b>Other information</b>                            |                            |
| <b>Bulk density</b>                                 | 38 - 43 lb/ft <sup>3</sup> |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.  |
| <b>Conditions to avoid</b>                | Contact with incompatible materials.  |
| <b>Incompatible materials</b>             | Strong acids. Strong bases.   |
| <b>Hazardous decomposition products</b>   | Not established.  |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                            |
|---------------------|----------------------------|
| <b>Inhalation</b>   | Fatal if inhaled.          |
| <b>Skin contact</b> | Not irritating.            |
| <b>Eye contact</b>  | May be irritating to eyes. |
| <b>Ingestion</b>    | Toxic if swallowed.        |

**Symptoms related to the physical, chemical and toxicological characteristics** Dusts may irritate the respiratory tract, skin and eyes.

### Information on toxicological effects

**Acute toxicity** Fatal if inhaled. Toxic if swallowed.

| Product   | Species  | Test Results  |
|---|--|---|
| AZTEC® 4.67 G   |  |   |
| <b>Acute</b>  |  |   |
| <b>Dermal</b>   |  |   |
| <i>Dust</i>   |  |   |
| LD50  | Rat  | > 5040 mg/kg (Toxicity Category IV)   |
| <b>Inhalation</b>   |  |   |
| <i>Dust</i>   |  |   |
| LC50  | Rat  | > 0.87 mg/l/4h female (Toxicity Category II)  |
| <b>Oral</b>   |  |   |
| <i>Dust</i>   |  |   |
| LD50  | Rat  | 52.8 mg/kg female (Toxicity Category III)   |
| <b>Skin corrosion/irritation</b>                                      | Prolonged skin contact may cause temporary irritation.   |   |
| <b>Irritation Corrosion - Skin</b>                                    |  |   |
| AZTEC® 4.67 G   |  | , (Toxicity Category IV)<br>Result: non-irritating<br>Species: Rabbit<br>Organ: Skin        |
| <b>Serious eye damage/eye irritation</b>                              | Direct contact with eyes may cause temporary irritation.   |   |
| <b>Eye</b>  |  |   |
| AZTEC® 4.67 G   |  | , (Toxicity Category III)<br>Result: Moderately irritating<br>Species: Rabbit<br>Organ: eye |
| <b>Respiratory or skin sensitization</b>                              |  |   |
| <b>Respiratory sensitization</b>                                      | Not a respiratory sensitizer.  |   |
| <b>Skin sensitization</b>   | Not sensitizing.   |   |
| <b>Sensitization</b>  |  |   |
| AZTEC® 4.67 G   |  | Result: not a dermal sensitizer<br>Species: Guinea pig<br>Organ: skin                       |
| <b>Germ cell mutagenicity</b>   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |   |
| <b>Carcinogenicity</b>  |  |   |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>         |  |   |
| free respirable Crystalline (quartz) Silica (CAS 14808-60-7)          |  | 1 Carcinogenic to humans.   |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b> |  |   |
| Not listed.   |  |   |
| <b>US. National Toxicology Program (NTP) Report on Carcinogens</b>    |  |   |
| free respirable Crystalline (quartz) Silica (CAS 14808-60-7)          |  | Known To Be Human Carcinogen.   |
| <b>Reproductive toxicity</b>  | Suspected of damaging fertility or the unborn child.   |   |
| <b>Specific target organ toxicity - single exposure</b>               | Not classified.  |   |
| <b>Specific target organ toxicity - repeated exposure</b>             | Not classified.  |   |
| <b>Aspiration hazard</b>  | Not an aspiration hazard.  |   |

## 12. Ecological information

**Ecotoxicity** Very toxic to aquatic life with long lasting effects.

| Components                  | Species | Test Results               |
|-----------------------------|---------|----------------------------|
| Cyfluthrin (CAS 68359-37-5) |         |                            |
| <b>Aquatic</b>              |         |                            |
| Crustacea                   | LC50    | Water flea (Daphnia magna) |
|                             |         | 0 - 0.0005 mg/l, 48 hours  |

| Components   | Species   | Test Results                   |
|--|---|--------------------------------|
| Fish   | LC50<br>Rainbow trout,donaldson trout<br>(Oncorhynchus mykiss)  | 0.0005 - 0.0007 mg/l, 48 hours |
| <b>Persistence and degradability</b>                     | No data is available on the degradability of this product.  |                                |
| <b>Bioaccumulative potential</b>                         |   |                                |
| <b>Partition coefficient n-octanol / water (log Kow)</b> |   |                                |
| Cyfluthrin   | 5.94  |                                |
| <b>Mobility in soil</b>                                  | No data available.  |                                |
| <b>Other adverse effects</b>                             | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component. |                                |

### 13. Disposal considerations

|  |  |
|--|--|
| <b>Disposal instructions</b>                 | This material and its container must be disposed of as hazardous waste. Dispose in accordance with all applicable regulations. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.   |
| <b>Hazardous waste code</b>                  | The waste code should be assigned in discussion between the user, the producer and the waste disposal company.   |
| <b>Waste from residues / unused products</b> | Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose of container and residues in accordance with all applicable regulations.                               |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied.  |

### 14. Transport information

|                                     |  |
|-------------------------------------|--|
| <b>DOT</b>                          |  |
| <b>UN number</b>                    | UN2783   |
| <b>UN proper shipping name</b>      | Organophosphorus pesticides, solid, toxic (Tebupirimphos, Cyfluthrin) MARINE POLLUTANT |
| <b>Transport hazard class(es)</b>   |  |
| <b>Class</b>                        | 6.1(PGIII)   |
| <b>Subsidiary risk</b>              | -  |
| <b>Label(s)</b>                     | 6.1  |
| <b>Packing group</b>                | III  |
| <b>Environmental hazards</b>        |  |
| <b>Marine pollutant</b>             | Yes (IMDG 2.9.3.3)   |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling.                |
| <b>Special provisions</b>           | IB8, IP3, N77, T1, TP33  |
| <b>Packaging exceptions</b>         | 153  |
| <b>Packaging non bulk</b>           | 213  |
| <b>Packaging bulk</b>               | 240  |
| <b>IATA</b>                         |  |
| <b>UN number</b>                    | UN2783   |
| <b>UN proper shipping name</b>      | Organophosphorus pesticides, solid, toxic (Tebupirimphos, Cyfluthrin) MARINE POLLUTANT |
| <b>Transport hazard class(es)</b>   |  |
| <b>Class</b>                        | 6.1(PGIII)   |
| <b>Subsidiary risk</b>              | -  |
| <b>Label(s)</b>                     | 6.1  |
| <b>Packing group</b>                | III  |
| <b>Environmental hazards</b>        | Yes (when transported over bodies of water)  |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling.                |
| <b>Other information</b>            |  |
| <b>Passenger and cargo aircraft</b> | Allowed.   |
| <b>Cargo aircraft only</b>          | Allowed.   |
| <b>IMDG</b>                         |  |
| <b>UN number</b>                    | UN2783   |
| <b>UN proper shipping name</b>      | Organophosphorus pesticides, solid, toxic (Tebupirimphos, Cyfluthrin) MARINE POLLUTANT |
| <b>Transport hazard class(es)</b>   |  |
| <b>Class</b>                        | 6.1(PGIII)   |

**Subsidiary risk** -  
**Label(s)** 6.1  
**Packing group** III  
**Environmental hazards**  
**Marine pollutant** Yes  
**EmS** Not available.

**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling.  
**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

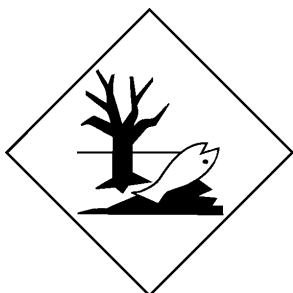
**DOT**



**IATA; IMDG**



**Marine pollutant**



**General information**

IMDG Regulated Marine Pollutant.

## 15. Regulatory information

**US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. This product is registered under EPA/FIFRA Regulations as a RESTRICTED USE PESTICIDE. It is a violation of Federal Law to use this product in any manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.



## Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

### SARA 302 Extremely hazardous substance

Not listed.

**SARA 311/312 Hazardous chemical** No

### SARA 313 (TRI reporting)

Not regulated.

## Other federal regulations

### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

## US state regulations

### US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

### US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

free respirable Crystalline (quartz) Silica (CAS 14808-60-7)

### US. Massachusetts RTK - Substance List

free respirable Crystalline (quartz) Silica (CAS 14808-60-7)

### US. New Jersey Worker and Community Right-to-Know Act

Cyfluthrin (CAS 68359-37-5)

free respirable Crystalline (quartz) Silica (CAS 14808-60-7)

### US. Pennsylvania Worker and Community Right-to-Know Law

free respirable Crystalline (quartz) Silica (CAS 14808-60-7)

### US. Rhode Island RTK

Cyfluthrin (CAS 68359-37-5)

### US. California Proposition 65

California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

### US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

free respirable Crystalline (quartz) Silica (CAS 14808-60-7) Listed: October 1, 1988

## International Inventories

| Country(s) or region        | Inventory name                                | On inventory (yes/no)* |
|-----------------------------|---|------------------------|
| Canada                      | Non-Domestic Substances List (NDSL)           | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory | No                     |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 08-27-2015

**References**

ACGIH®: American Conference of Governmental Industrial Hygienists  
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act  
EPA: Environmental Protection Agency  
FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act  
IARC: International Agency for Research on Cancer  
NTP: National Toxicology Program  
OSHA: Occupational Safety and Health Agency  
SARA: Superfund Amendments and Reauthorization Act  
TSCA: Toxic Substances Control Act  
DOT: Department of Transportation  
IMDG: International Maritime Dangerous Goods  
IATA: International Air Transport Association

**Version #**

01

**Further information**

Not available.

**HMIS® ratings**

Health: 3\*  
Flammability: 0  
Physical hazard: 0

**NFPA ratings**

Health: 3  
Flammability: 0  
Instability: 0

**Disclaimer**

AMVAC Chemical Corporation cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. This information is provided for the limited guidance to the user. While AMVAC believes that the information is, as of the date hereof, reliable, it is the user's responsibility to determine the suitability of the information for its purposes. The user is advised not to construe the information as absolutely complete since additional information may be necessary or desirable when particular, exceptional, or variable conditions or circumstances exist (like combinations with other materials), or because of applicable regulations. No express or implied warranty of merchantability or fitness for a particular purpose or otherwise is made hereunder with respect to the information or the product to which the information relates.

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