

# SAFETY DATA SHEET

Exterior 450 Red Mahogany Stain



## Section 1. Identification

**GHS product identifier** : Exterior 450 Red Mahogany Stain

**Other means of identification** : Not available.

**Product type** : Liquid.

### Identified uses

Water-based stain.

**Manufacturer** : General Finishes  
2462 Corporate Circle  
East Troy, WI 53120  
U.S.A.  
Phone no.: 262-642-4545  
Toll free no.: 1-800-783-6050  
Fax no.: 262-642-4707  
Web: GeneralFinishes.com

**Emergency telephone number (with hours of operation)** : CHEMTREC, U.S. : 1-800-424-9300 International: +1-703-527-3887 (24/7)

## Section 2. Hazards identification

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : CARCINOGENICITY - Category 2  
AQUATIC HAZARD (ACUTE) - Category 1

### GHS label elements

**Hazard pictograms** :



**Signal word** : Warning

**Hazard statements** : Suspected of causing cancer.  
Very toxic to aquatic life.

### Precautionary statements

**General** : Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

**Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid release to the environment.

**Response** : Collect spillage. IF exposed or concerned: Get medical attention.

**Storage** : Store locked up.



## Section 2. Hazards identification

**Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazards not otherwise classified** : None known.

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

**Other means of identification** : Not available.

### CAS number/other identifiers

**CAS number** : Not applicable.

**Product code** : Not available.

| Ingredient name                                                       | %       | CAS number |
|-----------------------------------------------------------------------|---------|------------|
| Carbon black                                                          | 0.1 - 1 | 1333-86-4  |
| Carbendazim (ISO)                                                     | 0 - 0.1 | 10605-21-7 |
| 3-Iodo-2-propynyl butylcarbamate                                      | 0 - 0.1 | 55406-53-6 |
| N'-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine | 0 - 0.1 | 28159-98-0 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

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

#### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.

## Section 4. First aid measures

- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Over-exposure signs/symptoms

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : In case of fire, use water spray (fog), foam, dry chemical or CO<sub>2</sub>.
- Unsuitable extinguishing media** : None known.

- Specific hazards arising from the chemical** : This material is very toxic to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:  
metal oxide/oxides

- Special protective actions for fire-fighters** : No special measures are required.

- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

## Section 6. Accidental release measures

**Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities. Collect spillage.

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

**Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

| Ingredient name | Exposure limits                                                                                                                                                                                                                                                                                                                  |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Carbon black    | <b>ACGIH TLV (United States, 6/2013).</b><br>TWA: 3 mg/m <sup>3</sup> 8 hours. Form: Inhalable fraction<br><b>NIOSH REL (United States, 4/2013).</b><br>TWA: 3.5 mg/m <sup>3</sup> 10 hours.<br>TWA: 0.1 mg of PAHs/cm <sup>3</sup> 10 hours.<br><b>OSHA PEL (United States, 2/2013).</b><br>TWA: 3.5 mg/m <sup>3</sup> 8 hours. |

## Section 8. Exposure controls/personal protection

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.
- Individual protection measures**
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
- Skin protection**
- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## Section 9. Physical and chemical properties

### Appearance

- Physical state** : Liquid. [Viscous.]
- Color** : Red.
- Odor** : Slight
- Odor threshold** : Not available.
- pH** : 8.8
- Melting point** : Not available.
- Boiling point** : >100°C (>212°F)
- Flash point** : Closed cup: >98.889°C (>210°F)
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.

## Section 9. Physical and chemical properties

|                                                     |                                                                 |
|-----------------------------------------------------|-----------------------------------------------------------------|
| <b>Lower and upper explosive (flammable) limits</b> | : Not available.                                                |
| <b>Vapor pressure</b>                               | : Not available.                                                |
| <b>Vapor density</b>                                | : Not available.                                                |
| <b>Relative density</b>                             | : 1.04                                                          |
| <b>Solubility</b>                                   | : Soluble in the following materials: cold water and hot water. |
| <b>Partition coefficient: n-octanol/water</b>       | : Not available.                                                |
| <b>Auto-ignition temperature</b>                    | : Not available.                                                |
| <b>Decomposition temperature</b>                    | : Not available.                                                |
| <b>Viscosity</b>                                    | : Dynamic (room temperature): 500 mPa·s (500 cP)                |

## Section 10. Stability and reactivity

|                                           |                                                                                                        |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | : No specific test data related to reactivity available for this product or its ingredients.           |
| <b>Chemical stability</b>                 | : The product is stable.                                                                               |
| <b>Possibility of hazardous reactions</b> | : Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| <b>Conditions to avoid</b>                | : Protect from freezing.                                                                               |
| <b>Incompatible materials</b>             | : Reactive or incompatible with the following materials: oxidizing materials and acids.                |
| <b>Hazardous decomposition products</b>   | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name          | Result      | Species | Dose         | Exposure |
|----------------------------------|-------------|---------|--------------|----------|
| Carbon black                     | LD50 Oral   | Rat     | >15400 mg/kg | -        |
| Carbendazim (ISO)                | LD50 Dermal | Rabbit  | 8500 mg/kg   | -        |
|                                  | LD50 Dermal | Rat     | 2 g/kg       | -        |
|                                  | LD50 Oral   | Rat     | >5050 mg/kg  | -        |
| 3-Iodo-2-propynyl butylcarbamate | LD50 Oral   | Rat     | 1470 mg/kg   | -        |

#### Irritation/Corrosion

There is no data available.

#### Sensitization

There is no data available.

#### Carcinogenicity

#### Classification

| Product/ingredient name | OSHA | IARC | NTP |
|-------------------------|------|------|-----|
| Carbon black            | -    | 2B   | -   |

#### Specific target organ toxicity (single exposure)

## Section 11. Toxicological information

| Name                             | Category   | Route of exposure | Target organs                |
|----------------------------------|------------|-------------------|------------------------------|
| 3-Iodo-2-propynyl butylcarbamate | Category 3 | Not applicable.   | Respiratory tract irritation |

### Specific target organ toxicity (repeated exposure)

There is no data available.

### Aspiration hazard

There is no data available.

**Information on the likely routes of exposure** : Dermal contact. Eye contact. Ingestion.

### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Symptoms related to the physical, chemical and toxicological characteristics

- Eye contact** : No known significant effects or critical hazards.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : No known significant effects or critical hazards.
- Ingestion** : No known significant effects or critical hazards.

### Delayed and immediate effects and also chronic effects from short and long term exposure

#### Short term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

#### Long term exposure

- Potential immediate effects** : No known significant effects or critical hazards.
- Potential delayed effects** : No known significant effects or critical hazards.

### Potential chronic health effects

- General** : No known significant effects or critical hazards.
- Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.

### Numerical measures of toxicity

#### Acute toxicity estimates

There is no data available.

## Section 12. Ecological information

### Toxicity

| Product/ingredient name                                               | Result                                                                                                                                                                                                                                                                                                                                            | Species                                                                                                                                                                                                                                                                                     | Exposure                                                                                                 |
|-----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Carbendazim (ISO)                                                     | Acute EC50 19.0562 mg/L Fresh water<br>Acute EC50 >100000 µg/l Marine water<br>Acute EC50 20 µg/l Fresh water<br>Acute LC50 7 µg/l Fresh water<br>Chronic NOEC 33.5 to 36 µg/l Fresh water                                                                                                                                                        | Algae - Scenedesmus acutus var. acutus<br>Crustaceans - Cancer magister - Zoea<br>Daphnia - Daphnia magna<br>Fish - Ictalurus punctatus - Yolk-sac fry                                                                                                                                      | 96 hours<br>48 hours<br>48 hours<br>96 hours                                                             |
| 3-Iodo-2-propynyl butylcarbamate                                      | Chronic NOEC 3.1 ppb Marine water<br>Acute EC50 0.16 ppm Fresh water<br>Acute LC50 500 ppb Fresh water<br>Acute LC50 67 ppb Fresh water<br>Chronic NOEC 8.4 ppb                                                                                                                                                                                   | Crustaceans - Crustacea<br>Daphnia - Daphnia magna<br>Daphnia - Daphnia magna<br>Crustaceans - Hyalella azteca<br>Fish - Oncorhynchus mykiss                                                                                                                                                | 21 days<br>48 hours<br>48 hours<br>96 hours                                                              |
| N'-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine | Acute EC50 0.098 µg/l Marine water<br><br>Acute EC50 0.1 µg/l Marine water<br>Acute EC50 5.3 ppm Fresh water<br>Acute LC50 0.556 mg/L Marine water<br><br>Acute LC50 0.75 ppm Fresh water<br>Chronic NOEC 0.01 µg/l Marine water<br>Chronic NOEC 0.58 to 0.61 µg/l Marine water<br>Chronic NOEC 0.56 ppm Marine water<br>Chronic NOEC 0.00402 ppm | Algae - Fibrocapsa japonica<br><br>Algae - Porphyra yezoensis<br>Daphnia - Daphnia magna<br>Crustaceans - Balanus albicostatus - Nauplii<br>Fish - Oncorhynchus mykiss<br>Algae - Skeletonema costatum<br>Aquatic plants - Plantae<br>Daphnia - Daphnia magna<br>Fish - Oncorhynchus mykiss | 72 hours<br><br>4 days<br>48 hours<br>48 hours<br>96 hours<br>96 hours<br>96 hours<br>21 days<br>95 days |

### Persistence and degradability

There is no data available.

### Bioaccumulative potential

| Product/ingredient name | LogP <sub>ow</sub> | BCF  | Potential |
|-------------------------|--------------------|------|-----------|
| Carbendazim (ISO)       | 1.52               | 2.51 | low       |

### Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.

**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.



## Section 14. Transport information

|                            | DOT Classification | IMDG           | IATA           |
|----------------------------|--------------------|----------------|----------------|
| UN number                  | Not regulated.     | Not regulated. | Not regulated. |
| UN proper shipping name    | -                  | -              | -              |
| Transport hazard class(es) | -                  | -              | -              |
| Packing group              | -                  | -              | -              |
| Environmental hazards      | No.                | No.            | No.            |
| Additional information     |                    | -              | -              |

**AERG** : Not applicable.

**Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** : Not available.

## Section 15. Regulatory information

**U.S. Federal regulations** : **TSCA 8(a) PAIR:** (2-Methoxymethylethoxy)propanol  
**TSCA 8(a) CDR Exempt/Partial exemption:** Not determined  
**United States inventory (TSCA 8b):** At least one component is not listed.  
**Clean Water Act (CWA) 311:** Triethylamine

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)** : Not listed

**Clean Air Act Section 602 Class I Substances** : Not listed

**Clean Air Act Section 602 Class II Substances** : Not listed

**DEA List I Chemicals (Precursor Chemicals)** : Not listed

**DEA List II Chemicals (Essential Chemicals)** : Not listed

**SARA 302/304**

**Composition/information on ingredients**





## Section 15. Regulatory information

| Name           | %       | EHS  | SARA 302 TPQ |           | SARA 304 RQ |           |
|----------------|---------|------|--------------|-----------|-------------|-----------|
|                |         |      | (lbs)        | (gallons) | (lbs)       | (gallons) |
| Ethylene oxide | 0 - 0.1 | Yes. | 1000         | -         | 10          | -         |

**SARA 304 RQ** : 179966.2 lbs / 81704.6 kg [20753.9 gal / 78562.2 L]

### SARA 311/312

#### Composition/information on ingredients

| Name                                                                  | %       | Fire hazard | Sudden release of pressure | Reactive | Immediate (acute) health hazard | Delayed (chronic) health hazard |
|-----------------------------------------------------------------------|---------|-------------|----------------------------|----------|---------------------------------|---------------------------------|
| Carbon black                                                          | 0.1 - 1 | No.         | No.                        | No.      | No.                             | Yes.                            |
| Carbendazim (ISO)                                                     | 0 - 0.1 | No.         | No.                        | No.      | No.                             | Yes.                            |
| 3-Iodo-2-propynyl butylcarbamate                                      | 0 - 0.1 | No.         | No.                        | No.      | Yes.                            | No.                             |
| N'-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine | 0 - 0.1 | No.         | No.                        | No.      | Yes.                            | No.                             |

### State regulations

- Massachusetts** : The following components are listed: Diiron trioxide
- New York** : None of the components are listed.
- New Jersey** : The following components are listed: Carbon black; Diiron trioxide
- Pennsylvania** : The following components are listed: Carbon black; Diiron trioxide

### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause cancer.

**WARNING:** This product contains less than 1% of a chemical known to the State of California to cause birth defects or other reproductive harm.

| Ingredient name            | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|----------------------------|--------|--------------|---------------------------|---------------------------------|
| Carbon black               | Yes.   | No.          | No.                       | No.                             |
| Crystalline silica, quartz | Yes.   | No.          | No.                       | No.                             |
| N-methyl-2-pyrrolidone     | No.    | Yes.         | No.                       | 3200 µg/day (inhalation)        |
| Ethylene oxide             | Yes.   | Yes.         | Yes.                      | Yes.                            |
| 1,4-Dioxane                | Yes.   | No.          | Yes.                      | No.                             |

### International regulations

- International lists** :
- Australia inventory (AICS):** Not determined.
  - China inventory (IECSC):** All components are listed or exempted.
  - Japan inventory:** Not determined.
  - Korea inventory:** All components are listed or exempted.
  - Malaysia Inventory (EHS Register):** Not determined.
  - New Zealand Inventory of Chemicals (NZIoC):** All components are listed or exempted.
  - Philippines inventory (PICCS):** Not determined.
  - Taiwan inventory (CSNN):** Not determined.

**Chemical Weapons Convention List Schedule I Chemicals** : Not listed

**Chemical Weapons Convention List Schedule II Chemicals** : Not listed





## Section 15. Regulatory information

Chemical Weapons : Not listed  
Convention List Schedule  
III Chemicals

## Section 16. Other information

### History

Date of issue mm/dd/yyyy : 06/30/2014  
Version : 1  
Revised Section(s) : Not applicable.  
Prepared by : KMK Regulatory Services Inc.  
Key to abbreviations : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships,  
1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

