SAFETY DATA SHEET
Exterior 450 Coffee Bean Stain

Section 1. Identification

GHS product identifier : Exterior 450 Coffee Bean Stain
Product code : Not available.
Other means of identification : Not available.
Product type : Liquid.

Relevant identified uses of the substance or mixture and uses advised against
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
AQUATIC HAZARD (LONG-TERM) - Category 1

GHS label elements
Hazard pictograms :

Signal word : Warning
Hazard statements : H351 - Suspected of causing cancer.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements
Prevention : P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P280 - Wear protective gloves. Wear protective clothing.
P273 - Avoid release to the environment.

Response : P391 - Collect spillage.
P308 + P313 - IF exposed or concerned: Get medical attention.

Storage : P405 - Store locked up.
Section 2. Hazards identification

Disposal

P501 - 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.

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>%</th>
<th>CAS number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black, respirable powder</td>
<td>≥0.3 - &lt;1</td>
<td>1333-86-4</td>
</tr>
<tr>
<td>Amines, tallow alkyl, ethoxylated</td>
<td>≤0.1</td>
<td>61791-26-2</td>
</tr>
<tr>
<td>Carbendazim</td>
<td>&lt;0.1</td>
<td>10605-21-7</td>
</tr>
<tr>
<td>3-Iodo-2-propynyl butylcarbamate</td>
<td>&lt;0.1</td>
<td>55406-53-6</td>
</tr>
<tr>
<td>N’-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine</td>
<td>&lt;0.1</td>
<td>28159-98-0</td>
</tr>
<tr>
<td>Chromium</td>
<td>&lt;0.01</td>
<td>7440-47-3</td>
</tr>
</tbody>
</table>

United States: The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Canada: The exact percentage (concentration) in the composition has been withheld as a trade secret in accordance with the amended HPR as of April 2018.

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.

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 CO₂.

**Unsuitable extinguishing media**
- None known.

**Specific hazards arising from the chemical**
- In a fire or if heated, a pressure increase will occur and the container may burst. This material is very toxic to aquatic life with long lasting effects. 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**
- Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

**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. Evacuate surrounding areas. 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

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. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black, respirable powder</td>
<td>NIOSH REL (United States, 10/2016). TWA: 3.5 mg/m³ 10 hours. OSHA REL (United States, 6/2016). TWA: 0.1 mg of PAHs/cm³ 10 hours. ACGIH TLV (United States, 3/2017). TWA: 3.5 mg/m³ 8 hours.</td>
</tr>
<tr>
<td>Amines, tallow alkyl, ethoxylated</td>
<td>None.</td>
</tr>
<tr>
<td>Carbendazim</td>
<td>None.</td>
</tr>
<tr>
<td>3-iodo-2-propynyl butylcarbamate</td>
<td>None.</td>
</tr>
<tr>
<td>N'-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine</td>
<td>None.</td>
</tr>
<tr>
<td>Chromium</td>
<td>None.</td>
</tr>
</tbody>
</table>
Section 8. Exposure controls/personal protection

TWA: 0.5 mg/m³, (measured as Cr) 8 hours.
NIOSH REL (United States, 10/2016).
TWA: 0.5 mg/m³ 8 hours.
OSHA PEL (United States, 6/2016).
TWA: 1 mg/m³, (as Cr) 8 hours.

Canada

Occupational exposure limits

<table>
<thead>
<tr>
<th>Ingredient name</th>
<th>Exposure limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black, respirable powder</td>
<td>CA British Columbia Provincial (Canada, 7/2016). TWA: 3 mg/m³ 8 hours. Form: Inhalable&lt;br&gt;CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 3.5 mg/m³ 8 hours.&lt;br&gt;CA Quebec Provincial (Canada, 1/2014). TWAEV: 3.5 mg/m³ 8 hours.&lt;br&gt;CA Ontario Provincial (Canada, 7/2015). TWA: 3 mg/m³ 8 hours. Form: Inhalable fraction&lt;br&gt;CA Saskatchewan Provincial (Canada, 7/2013). STEL: 7 mg/m³ 15 minutes. TWA: 3.5 mg/m³ 8 hours.</td>
</tr>
<tr>
<td>Chromium</td>
<td>CA Ontario Provincial (Canada, 7/2015). TWA: 0.5 mg/m³, (as Cr) 8 hours. Form: Inorganic&lt;br&gt;CA Alberta Provincial (Canada, 4/2009). 8 hrs OEL: 0.5 mg/m³, (as Cr) 8 hours.&lt;br&gt;CA British Columbia Provincial (Canada, 7/2016). TWA: 0.5 mg/m³ 8 hours.&lt;br&gt;CA Quebec Provincial (Canada, 1/2014). TWAEV: 0.5 mg/m³ 8 hours.&lt;br&gt;CA Saskatchewan Provincial (Canada, 7/2013). STEL: 1.5 mg/m³, (measured as Cr) 15 minutes. TWA: 0.5 mg/m³, (measured as Cr) 8 hours.</td>
</tr>
</tbody>
</table>

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.
## Section 8. Exposure controls/personal protection

**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**
- Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

## Section 9. Physical and chemical properties

### Appearance
- **Physical state**: Liquid. [Viscous.]
- **Color**: Brown.
- **Odor**: Slight
- **Odor threshold**: Not available.
- **pH**: 8.9
- **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.
- **Lower and upper explosive (flammable) limits**: Not available.
- **Vapor pressure**: Not available.
- **Vapor density**: Not available.
- **Relative density**: 1.05
- **Solubility**: Soluble in water.
- **Partition coefficient: n-octanol/water**: Not available.
- **Auto-ignition temperature**: Not available.
- **Decomposition temperature**: Not available.
- **Viscosity**: Dynamic (room temperature): 500 mPa·s (500 cP)
- **VOC content**: 74.473 g/L
- **Flow time (ISO 2431)**: Not available.

## Section 10. Stability and reactivity

**Reactivity**
- No specific test data related to reactivity available for this product or its ingredients.

**Chemical stability**
- The product is stable.

**Possibility of hazardous reactions**
- Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid**
- Protect from freezing.
Section 10. Stability and reactivity

Incompatible materials: Reactive or incompatible with the following materials: oxidizing materials.

Hazardous decomposition products: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black, respirable powder</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;15400 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>Amines, tallow alkyl, ethoxylated</td>
<td>LD50 Dermal</td>
<td>Rat</td>
<td>&gt;10 g/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>500 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Rabbit</td>
<td>Rabbit</td>
<td>8500 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>Rat</td>
<td>3 g/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>Rat</td>
<td>&gt;5050 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Rat</td>
<td>Rat</td>
<td>1470 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Irritation/Corrosion

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Score</th>
<th>Exposure</th>
<th>Observation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amines, tallow alkyl, ethoxylated</td>
<td>Eyes - Moderate irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>100 mg</td>
<td>-</td>
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<tr>
<td></td>
<td>Eyes - Severe irritant</td>
<td>Rabbit</td>
<td>-</td>
<td>24 hours 100 µl</td>
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</table>

Sensitization

There is no data available.

Mutagenicity

There is no data available.

Carcinogenicity

Classification

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>OSHA</th>
<th>IARC</th>
<th>NTP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black, respirable powder</td>
<td>-</td>
<td>2B</td>
<td>-</td>
</tr>
<tr>
<td>Chromium</td>
<td>-</td>
<td>3</td>
<td>-</td>
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</table>

Reproductive toxicity

There is no data available.

Teratogenicity

There is no data available.

Specific target organ toxicity (single exposure)

There is no data available.

Specific target organ toxicity (repeated exposure)

<table>
<thead>
<tr>
<th>Name</th>
<th>Category</th>
<th>Target organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-Iodo-2-propynyl butylcarbamate</td>
<td>Category 1</td>
<td>Larynx</td>
</tr>
</tbody>
</table>

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.
Section 11. Toxicological information

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

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black, respirable powder</td>
<td>Acute EC50 37.563 mg/L Fresh water</td>
<td>Daphnia - Daphnia magna - Neonate</td>
<td>48 hours</td>
</tr>
<tr>
<td>Amines, tallow alkyl, ethoxylated</td>
<td>Acute LC50 2.6 µg/L Fresh water</td>
<td>Crustaceans - Thamnocephalus platyurus - Nauplii</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 2350 µg/L Fresh water</td>
<td>Daphnia - Daphnia pulex</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 650 µg/L Fresh water</td>
<td>Fish - Oncorhynchus mykiss</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 19.0562 mg/L Fresh water</td>
<td>Algae - Scenedesmus acutus var. acutus</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 &gt;100000 µg/L Marine water</td>
<td>Crustaceans - Cancer magister - Zoea</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute EC50 20 µg/L Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 7 µg/L Fresh water</td>
<td>Fish - Ictalurus punctatus - Yolk-sac fry</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 3.1 ppb Fresh water</td>
<td>Crustaceans - Crustacea</td>
<td>21 days</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 35.3 to 36 µg/L Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>21 days</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 3.5 to 36 µg/L Fresh water</td>
<td>Crustaceans - Crustacea</td>
<td>21 days</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 500 ppb Fresh water</td>
<td>Crustaceans - Hyalella azteca</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 40 ppb Fresh water</td>
<td>Daphnia - Daphnia magna</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>Acute LC50 67 µg/L Fresh water</td>
<td>Fish - Oncorhynchus mykiss - Juvenile (Fledgling, Hatching, Weaning)</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Chronic NOEC 8.4 ppb</td>
<td>Fish - Pimephales promelas</td>
<td>35 days</td>
</tr>
<tr>
<td>3-Iodo-2-propynyl butylcarbamate</td>
<td>Acute EC50 0.098 µg/L Marine water</td>
<td>Algae - Fibrocapsa japonica</td>
<td>72 hours</td>
</tr>
<tr>
<td>N’-tert-butyl-N-cyclopropyl-6-(methylthio)-1,3,5-triazine-2,4-diamine</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 12. Ecological information

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP&lt;sub&gt;ow&lt;/sub&gt;</th>
<th>BCF</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbendazim</td>
<td>1.52</td>
<td>2.51</td>
<td>low</td>
</tr>
</tbody>
</table>

**Persistence and degradability**

There is no data available.

**Bioaccumulative potential**

**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

<table>
<thead>
<tr>
<th>UN number</th>
<th>DOT Classification</th>
<th>TDG Classification</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3082</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Carbendazim, 3-Iodo-2-propynyl butylcarbamate)</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Carbendazim, 3-Iodo-2-propynyl butylcarbamate)</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Carbendazim, 3-Iodo-2-propynyl butylcarbamate)</td>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Carbendazim, 3-Iodo-2-propynyl butylcarbamate)</td>
</tr>
</tbody>
</table>
### Section 14. Transport information

<table>
<thead>
<tr>
<th>Transport hazard class(es)</th>
<th>9</th>
<th>9</th>
<th>9</th>
<th>9</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Symbol" /></td>
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<td><img src="image" alt="Symbol" /></td>
<td><img src="image" alt="Symbol" /></td>
<td><img src="image" alt="Symbol" /></td>
</tr>
</tbody>
</table>

**Packing group**
- III
- III
- III
- III

**Environmental hazards**
- Yes.
- Yes.
- Yes.
- Yes.

**DOT-RQ Details**
- Carbendazim
- 10 lbs / 4.54 kg

**Additional information**
- **DOT Classification**: Non-bulk packages of this product are not regulated as hazardous materials in package sizes less than the product reportable quantity, unless transported by inland waterway. The marine pollutant mark is not required when transported on inland waterways in sizes of ≤5 L or ≤5 kg.
- **Reportable quantity**: 37486.9 lbs / 17019 kg [4281.9 gal / 16208.6 L]. Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements.
- **TDG Classification**: Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.43-2.45 (Class 9), 2.7 (Marine pollutant mark). Non-bulk packages of this product are not regulated as dangerous goods when transported by road or rail.
- **IMDG**: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 4.1.1.1, 4.1.1.2 and 4.1.1.4 to 4.1.1.8.
- **Emergency schedules**: F-A, S-B
- **IATA**: This product is not regulated as a dangerous good when transported in sizes of ≤5 L or ≤5 kg, provided the packagings meet the general provisions of 5.0.2.4.1, 5.0.2.6.1.1 and 5.0.2.8.

**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.

### Section 15. Regulatory information

**U.S. Federal regulations**
- **TSCA 4(a) final test rules**: Acetaldehyde
- **TSCA 8(a) PAIR**: DPM; Acetaldehyde
- **United States inventory (TSCA 8b)**: All components are listed or exempted.
- **Clean Water Act (CWA) 307**: Chromium
- **Clean Water Act (CWA) 311**: Triethylamine; Acetaldehyde

**Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)**
- Listed

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

**Clean Air Act Section 602 Class II Substances**
- Not listed
Section 15. Regulatory information

DEA List I Chemicals (Precursor Chemicals) : Not listed
DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304
Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>EHS</th>
<th>SARA 302 TPQ (lbs)</th>
<th>(gallons)</th>
<th>SARA 304 RQ (lbs)</th>
<th>(gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene oxide</td>
<td>Yes.</td>
<td>1000</td>
<td>-</td>
<td>10</td>
<td>-</td>
</tr>
</tbody>
</table>

SARA 304 RQ : 1984127 lbs / 900793.7 kg [226632.9 gal / 857898.7 L]

SARA 311/312
Classification : CARCINOGENICITY - Category 2
Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon black, respirable powder</td>
<td>CARCINOGENICITY - Category 2</td>
</tr>
</tbody>
</table>

SARA 313
There is no data available.

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, respirable powder; Diiron trioxide
Pennsylvania : The following components are listed: Carbon black, respirable powder; Diiron trioxide

California Prop. 65
⚠️ WARNING: This product can expose you to chemicals including Ethylene oxide, 4-Methylpentan-2-one, which are known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to chemicals including Carbon black, respirable powder, Crystalline silica, respirable powder, Acetaldehyde, 1,4-Dioxane, which are known to the State of California to cause cancer, and N-methyl-2-pyrrolidone, Ethanediol, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Canada
Canadian lists
Canadian NPRI : None of the components are listed.
CEPA Toxic substances : None of the components are listed.
Canada inventory (DSL NDSL) : At least one component is not listed.

Section 16. Other information

Procedure used to derive the classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CARCINOGENICITY - Category 2</td>
<td>Calculation method</td>
</tr>
<tr>
<td>AQUATIC HAZARD (ACUTE) - Category 1</td>
<td>Calculation method</td>
</tr>
<tr>
<td>AQUATIC HAZARD (LONG-TERM) - Category 1</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

History
Section 16. Other information

Date of issue mm/dd/yyyy : 05/15/2018
Date of previous issue : 11/30/2016
Version : 3
Prepared by : KMK Regulatory Services Inc.

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