

## Section 1. Identification

|   |   |
|---|---|
| <b>GHS product identifier</b>                               | : PS Clethodim  |
| <b>Chemical name</b>  | : Clethodim   |
| <b>Other means of identification</b>                        | : Cyclohexanedione oxime herbicide  |
| <b>EPA Product Registration Number</b>                      | : 89442-4   |
| <b>EPA Signal Word</b>                                      | : Caution   |
| <b>Product type</b>   | : Liquid  |
| <b>Identified uses</b>                                      | Herbicide.  |
| <b>Supplier's details</b>                                   | : Prime Source, LLC<br>10025 US 264 Alternate<br>Middlesex, NC 27557<br>Tel: 877-235-0043   |
| <b>Emergency telephone number (with hours of operation)</b> | : CHEMTREC (24/7): U.S. :800-424-9300<br>International: +1-703-527-3887<br>24/7 Health Emergencies: Call 800-858-7378 (National Pesticide Information Center) |

## Section 2. Hazards identification

|   |  |
|---|--|
| <b>OSHA/HCS status</b>                            | : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).  |
| <b>Classification of the substance or mixture</b> | : FLAMMABLE LIQUIDS - Category 4<br>ACUTE TOXICITY (oral) - Category 4<br>CARCINOGENICITY - Category 2<br>AQUATIC HAZARD (ACUTE) - Category 3<br>AQUATIC HAZARD (LONG-TERM) - Category 3 |

### GHS label elements

|                          |  |
|--------------------------|--|
| <b>Hazard pictograms</b> | :   |
| <b>Signal word</b>       | : Caution  |
| <b>Hazard statements</b> | : Combustible liquid.<br>Harmful if swallowed.<br>Suspected of causing cancer.<br>Harmful to aquatic life with long lasting effects. |

### Precautionary statements

## Section 2. Hazards identification

- 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. Wear protective gloves. Wear eye or face protection. Keep away from flames and hot surfaces. - No smoking. Avoid release to the environment. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.
- Response** : IF exposed or concerned: Get medical attention. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth.
- Storage** : Store locked up. Store in a well-ventilated place. Keep cool.
- 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
- Chemical name** : Clethodim
- Other means of identification** : Cyclohexanedione oxime herbicide

### CAS number/other identifiers

- CAS number** : Not applicable.
- Product code** : Not available.

| Ingredient name   | %        | CAS number |
|---|----------|------------|
| Solvent naphtha (petroleum), heavy aromatic   | 60 - 100 | 64742-94-5 |
| 2-Cyclohexen-1-one, 2-[[[(1E)-1-[[[(2E)-3-chloro-2-propen-1-yl]oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy-1,2,4-Trimethylbenzene | 10 - 30  | 99129-21-2 |
| Naphthalene   | 1 - 5    | 95-63-6    |
|   | 1 - 5    | 91-20-3    |

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. 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. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- 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.

## Section 4. First aid measures

- Ingestion** : Wash out mouth with water. 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. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately.

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

#### Potential acute health effects

- Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : Harmful if swallowed.

#### 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** : In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.  
**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** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.  
**Unsuitable extinguishing media** : Do not use water jet or water-based fire extinguishers.

### Specific hazards arising from the chemical

- : Combustible liquid. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard. This material is harmful 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:  
 carbon dioxide  
 carbon monoxide  
 nitrogen oxides  
 sulfur oxides  
 halogenated compounds

## Section 5. Fire-fighting measures

- Special protective actions for fire-fighters** : Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
- 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. Shut off all ignition sources. No flares, smoking or flames in hazard area. 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".
- 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.

### Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. 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. Use spark-proof tools and explosion-proof equipment. 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. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Empty containers retain product residue and can be hazardous. Do not reuse container.

## Section 7. Handling and storage

### 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. Remove contaminated clothing and protective equipment before entering eating areas.

### Conditions for safe storage, including any incompatibilities

: Store in accordance with local regulations. Store in a segregated and approved area. 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. Eliminate all ignition sources. Separate from oxidizing materials. 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   |
|------------------------|---|
| 1,2,4-Trimethylbenzene | <p><b>ACGIH TLV (United States, 3/2015).</b><br/>TWA: 123 mg/m<sup>3</sup> 8 hours.<br/>TWA: 25 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 10/2013).</b><br/>TWA: 125 mg/m<sup>3</sup> 10 hours.<br/>TWA: 25 ppm 10 hours.</p> <p><b>OSHA PEL 1989 (United States, 3/1989).</b><br/>TWA: 25 ppm 8 hours.<br/>TWA: 125 mg/m<sup>3</sup> 8 hours.</p>   |
| Naphthalene            | <p><b>ACGIH TLV (United States, 3/2015). Absorbed through skin.</b><br/>TWA: 52 mg/m<sup>3</sup> 8 hours.<br/>TWA: 10 ppm 8 hours.</p> <p><b>NIOSH REL (United States, 10/2013).</b><br/>STEL: 75 mg/m<sup>3</sup> 15 minutes.<br/>STEL: 15 ppm 15 minutes.<br/>TWA: 50 mg/m<sup>3</sup> 10 hours.<br/>TWA: 10 ppm 10 hours.</p> <p><b>OSHA PEL (United States, 2/2013).</b><br/>TWA: 50 mg/m<sup>3</sup> 8 hours.<br/>TWA: 10 ppm 8 hours.</p> |

### Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

### 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.

## Section 8. Exposure controls/personal protection

- 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. [Suspension. Viscous liquid.]
- Color** : Amber.
- Odor** : Slight
- Odor threshold** : Not available.
- pH** : 4.35
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: >60.7°C (>141.3°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** : 0.9648
- Solubility** : Not available.
- Partition coefficient: n-octanol/water** : Not available.
- Auto-ignition temperature** : Not available.
- Decomposition temperature** : Not available.
- Viscosity** : 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** : Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
- Incompatible materials** : Reactive or incompatible with the following materials: oxidizing materials and alkalis.
- 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

| Product/ingredient name | Result                | Species | Dose                    | Exposure |
|-------------------------|-----------------------|---------|-------------------------|----------|
| 1,2,4-Trimethylbenzene  | LC50 Inhalation Vapor | Rat     | 18000 mg/m <sup>3</sup> | 4 hours  |
| Naphthalene             | LD50 Oral             | Rat     | 5 g/kg                  | -        |
|                         | LD50 Dermal           | Rabbit  | >20 g/kg                | -        |
|                         | LD50 Oral             | Rat     | 490 mg/kg               | -        |

#### Irritation/Corrosion

| Product/ingredient name                     | Result                 | Species | Score | Exposure         | Observation |
|---|------------------------|---------|-------|------------------|-------------|
| Solvent naphtha (petroleum), heavy aromatic | Skin - Mild irritant   | Rabbit  | -     | 24 hours 500 µL  | -           |
| Naphthalene                                 | Skin - Mild irritant   | Rabbit  | -     | 495 mg           | -           |
|   | Skin - Severe irritant | Rabbit  | -     | 24 hours 0.05 mL | -           |

#### Sensitization

There is no data available.

#### Carcinogenicity

##### Classification

| Product/ingredient name | OSHA | IARC | NTP  |
|-------------------------|------|------|--|
| Naphthalene             | -    | 2B   | Reasonably anticipated to be a human carcinogen. |

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

| Name                   | Category   | Route of exposure | Target organs                |
|------------------------|------------|-------------------|------------------------------|
| 1,2,4-Trimethylbenzene | Category 3 | Not applicable.   | Respiratory tract irritation |

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

There is no data available.

#### Aspiration hazard

| Name  | Result                         |
|---|--------------------------------|
| Solvent naphtha (petroleum), heavy aromatic | ASPIRATION HAZARD - Category 1 |

## Section 11. Toxicological information

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

### Potential acute health effects

**Eye contact** : No known significant effects or critical hazards.  
**Inhalation** : Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : Harmful if swallowed.

### 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

| Route                       | ATE value                |
|-----------------------------|--------------------------|
| Oral<br>Inhalation (vapors) | 1739.7 mg/kg<br>600 mg/L |



## Section 12. Ecological information

### Toxicity

| Product/ingredient name   | Result                              | Species                                      | Exposure |
|---|-------------------------------------|--|----------|
| 2-Cyclohexen-1-one, 2-[(1E)-1-[[[(2E)-3-chloro-2-propen-1-yl]oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy- | Acute EC50 22.8676 mg/L Fresh water | Algae - Pseudokirchneriella subcapitata      | 96 hours |
|   | Acute EC50 20.2 ppm Fresh water     | Daphnia - Daphnia magna                      | 48 hours |
|   | Acute LC50 19 ppm Fresh water       | Fish - Oncorhynchus mykiss                   | 96 hours |
|   | Chronic NOEC 0.94 ppm               | Daphnia - Daphnia magna                      | 21 days  |
| 1,2,4-Trimethylbenzene  | Chronic NOEC 0.01 ppm               | Fish - Pimephales promelas                   | 32 days  |
|   | Acute LC50 4910 µg/L Marine water   | Crustaceans - Elasmopus pecteniscrus - Adult | 48 hours |
|   | Acute LC50 22.4 mg/L Fresh water    | Fish - Tilapia zillii                        | 96 hours |
| Naphthalene   | Acute EC50 1600 µg/L Fresh water    | Daphnia - Daphnia magna - Neonate            | 48 hours |
|   | Acute LC50 2350 µg/L Marine water   | Crustaceans - Palaemonetes pugio             | 48 hours |
|   | Acute LC50 213 µg/L Fresh water     | Fish - Melanotaenia fluviatilis - Larvae     | 96 hours |
|   | Chronic NOEC 0.67 ppm Fresh water   | Fish - Oncorhynchus kisutch                  | 40 days  |

### Persistence and degradability

There is no data available.

### Bioaccumulative potential

| Product/ingredient name                     | LogP <sub>ow</sub> | BCF         | Potential |
|---|--------------------|-------------|-----------|
| Solvent naphtha (petroleum), heavy aromatic | 2.8 to 6.5         | 99 to 5780  | high      |
| 1,2,4-Trimethylbenzene                      | 3.63               | 243         | low       |
| Naphthalene                                 | 3.4                | 36.5 to 168 | 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. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**United States - RCRA Toxic hazardous waste "U" List**

## Section 13. Disposal considerations

| Ingredient  | CAS #   | Status | Reference number |
|-------------|---------|--------|------------------|
| Naphthalene | 91-20-3 | Listed | U165             |

## Section 14. Transport information

| DOT Classification                |   | IMDG           | IATA           |
|-----------------------------------|---|----------------|----------------|
| <b>UN number</b>                  | NA1993  | Not regulated. | Not regulated. |
| <b>UN proper shipping name</b>    | Petroleum derivative, N.O.S. (Solvent naphtha (petroleum), heavy aromatic, 1,2,4-Trimethylbenzene)  | -              | -              |
| <b>Transport hazard class(es)</b> | Combustible liquid.   | -              | -              |
| <b>Packing group</b>              | III   | -              | -              |
| <b>Environmental hazards</b>      | No.   | No.            | No.            |
| <b>Additional information</b>     | Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials in package sizes less than the product reportable quantity.<br><br><u>Reportable quantity</u><br>5000 lbs / 2270 kg [621.55 gal / 2352.8 L]<br>Package sizes shipped in quantities less than the product reportable quantity are not subject to the RQ (reportable quantity) transportation requirements. | -              | -              |

**AERG** : 128

**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 4(a) final test rules:** Acetaldehyde
- TSCA 8(a) PAIR:** Acetaldehyde; Naphthalene
- TSCA 8(a) CDR Exempt/Partial exemption:** Not determined
- United States inventory (TSCA 8b):** All components are listed or exempted.
- Clean Water Act (CWA) 307:** Naphthalene
- Clean Water Act (CWA) 311:** Acetaldehyde; Naphthalene

## Section 15. Regulatory information

**Clean Air Act Section 112** : Listed

**(b) Hazardous Air Pollutants (HAPs)**

**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

No products were found.

**SARA 304 RQ** : Not applicable.

### SARA 311/312

**Classification** : Fire hazard  
Immediate (acute) health hazard  
Delayed (chronic) health hazard

#### Composition/information on ingredients

| Name  | %        | Fire hazard | Sudden release of pressure | Reactive | Immediate (acute) health hazard | Delayed (chronic) health hazard |
|---|----------|-------------|----------------------------|----------|---------------------------------|---------------------------------|
| Solvent naphtha (petroleum), heavy aromatic   | 60 - 100 | Yes.        | No.                        | No.      | No.                             | No.                             |
| 2-Cyclohexen-1-one, 2-[(1E)-1-[[[(2E)-3-chloro-2-propen-1-yl]oxy]imino]propyl]-5-[2-(ethylthio)propyl]-3-hydroxy- | 10 - 30  | No.         | No.                        | No.      | Yes.                            | No.                             |
| 1,2,4-Trimethylbenzene  | 1 - 5    | Yes.        | No.                        | No.      | Yes.                            | No.                             |
| Naphthalene   | 1 - 5    | Yes.        | No.                        | No.      | Yes.                            | Yes.                            |

### SARA 313

|  | Product name           | CAS number | %     |
|--|------------------------|------------|-------|
| <b>Form R - Reporting requirements</b> | 1,2,4-Trimethylbenzene | 95-63-6    | 1 - 5 |
|  | Naphthalene            | 91-20-3    | 1 - 5 |
| <b>Supplier notification</b>           | 1,2,4-Trimethylbenzene | 95-63-6    | 1 - 5 |
|  | Naphthalene            | 91-20-3    | 1 - 5 |

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

### State regulations

**Massachusetts** : The following components are listed: Naphthalene; 1,2,4-Trimethylbenzene

**New York** : The following components are listed: Naphthalene

**New Jersey** : The following components are listed: Naphthalene; 1,2,4-Trimethylbenzene

**Pennsylvania** : The following components are listed: Naphthalene; 1,2,4-Trimethylbenzene

### California Prop. 65

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

## Section 15. Regulatory information

| Ingredient name             | Cancer       | Reproductive | No significant risk level      | Maximum acceptable dosage level |
|-----------------------------|--------------|--------------|--------------------------------|---------------------------------|
| Naphthalene<br>Acetaldehyde | Yes.<br>Yes. | No.<br>No.   | Yes.<br>90 µg/day (inhalation) | No.<br>No.                      |

### International regulations

|  |   |
|--|---|
| <b>International lists</b>                                     | : <b>Australia inventory (AICS)</b> : Not determined.<br><b>China inventory (IECSC)</b> : All components are listed or exempted.<br><b>Japan inventory</b> : Not determined.<br><b>Korea inventory</b> : All components are listed or exempted.<br><b>Malaysia Inventory (EHS Register)</b> : Not determined.<br><b>New Zealand Inventory of Chemicals (NZIoC)</b> : All components are listed or exempted.<br><b>Philippines inventory (PICCS)</b> : Not determined.<br><b>Taiwan inventory (CSNN)</b> : Not determined. |
| <b>Chemical Weapons Convention List Schedule I Chemicals</b>   | : Not listed  |
| <b>Chemical Weapons Convention List Schedule II Chemicals</b>  | : Not listed  |
| <b>Chemical Weapons Convention List Schedule III Chemicals</b> | : Not listed  |

## Section 16. Other information

### History

|                                 |  |
|---------------------------------|--|
| <b>Date of issue mm/dd/yyyy</b> | : 11/15/2015   |
| <b>Date of previous issue</b>   | : 04/30/2015   |
| <b>Version</b>                  | : 1.1  |
| <b>Revised Section(s)</b>       | : 1, 8, 16.  |
| <b>Prepared by</b>              | : KMK Regulatory Services Inc.   |
| <b>Key to abbreviations</b>     | : ATE = Acute Toxicity Estimate<br>BCF = Bioconcentration Factor<br>GHS = Globally Harmonized System of Classification and Labelling of Chemicals<br>IATA = International Air Transport Association<br>IBC = Intermediate Bulk Container<br>IMDG = International Maritime Dangerous Goods<br>LogPow = logarithm of the octanol/water partition coefficient<br>MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)<br>UN = United Nations |

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