



# SAFETY DATA SHEET

## 1. Identification

|                                                               |                                          |
|---------------------------------------------------------------|------------------------------------------|
| <b>Product identifier</b>                                     | <b>SP-350™ Corrosion Inhibitor</b>       |
| <b>Other means of identification</b>                          |                                          |
| <b>Product Code</b>                                           | No. 03268 (Item# 1003479)                |
| <b>Recommended use</b>                                        | Corrosion inhibitor                      |
| <b>Recommended restrictions</b>                               | None known.                              |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |                                          |
| <b>Manufactured or sold by:</b>                               |                                          |
| <b>Company name</b>                                           | CRC Industries, Inc.                     |
| <b>Address</b>                                                | 885 Louis Dr.<br>Warminster, PA 18974 US |
| <b>Telephone</b>                                              |                                          |
| <b>General Information</b>                                    | 215-674-4300                             |
| <b>Technical Assistance</b>                                   | 800-521-3168                             |
| <b>Customer Service</b>                                       | 800-272-4620                             |
| <b>24-Hour Emergency (CHEMTREC)</b>                           | 800-424-9300 (US)                        |
| <b>Website</b>                                                | www.crcindustries.com                    |

## 2. Hazard(s) identification

|                              |                                                        |            |
|------------------------------|--------------------------------------------------------|------------|
| <b>Physical hazards</b>      | Flammable liquids                                      | Category 4 |
| <b>Health hazards</b>        | Aspiration hazard                                      | Category 1 |
| <b>Environmental hazards</b> | Hazardous to the aquatic environment, acute hazard     | Category 3 |
|                              | Hazardous to the aquatic environment, long-term hazard | Category 3 |
| <b>OSHA defined hazards</b>  | Not classified.                                        |            |

### Label elements



|                                                  |                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Signal word</b>                               | Danger                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Hazard statement</b>                          | Combustible liquid. May be fatal if swallowed and enters airways. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.                                                                                                                                                                                                                                          |
| <b>Precautionary statement</b>                   |                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Prevention</b>                                | Keep away from flames and hot surfaces-No smoking. Use with adequate ventilation. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wear protective gloves/eye protection/face protection. Avoid release to the environment. |
| <b>Response</b>                                  | If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. In case of fire: Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                                                                                                                                 |
| <b>Storage</b>                                   | Store in a well-ventilated place. Keep cool. Store locked up.                                                                                                                                                                                                                                                                                                                          |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national regulations.                                                                                                                                                                                                                                                                                                  |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Supplemental information</b>                  | None.                                                                                                                                                                                                                                                                                                                                                                                  |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name                                      | Common name and synonyms | CAS number | %       |
|----------------------------------------------------|--------------------------|------------|---------|
| distillates (petroleum), hydrotreated light        |                          | 64742-47-8 | 50 - 60 |
| paraffin oils (petroleum), catalytic dewaxed heavy |                          | 64742-70-7 | 10 - 20 |
| paraffin oils (petroleum), catalytic dewaxed light |                          | 64742-71-8 | 5 - 10  |
| butyl stearate                                     |                          | 123-95-5   | 3 - 5   |
| fatty acids, C18-unsatd., dimers                   |                          | 61788-89-4 | 1 - 3   |
| petrolatum                                         |                          | 8009-03-8  | 1 - 3   |
| sodium petroleum sulfonate                         |                          | 68608-26-4 | 1 - 3   |
| sorbitan monooleate                                |                          | 1338-43-8  | 1 - 3   |
| sorbitan monotallate                               |                          | 61791-48-8 | 1 - 3   |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                   |
|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Move to fresh air. Call a physician if symptoms develop or persist.                                                                                                               |
| <b>Skin contact</b>                                                           | Wash off with soap and water. Get medical attention if irritation develops and persists.                                                                                          |
| <b>Eye contact</b>                                                            | Rinse with water. Get medical attention if irritation develops and persists.                                                                                                      |
| <b>Ingestion</b>                                                              | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Aspiration may cause pulmonary edema and pneumonitis. Headache. Nausea, vomiting. Diarrhea. Direct contact with eyes may cause temporary irritation.                              |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.                                                            |
| <b>General information</b>                                                    | Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.                                                                  |

### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Alcohol resistant foam. Dry chemical powder. Dry chemicals. Carbon dioxide (CO2).                                                                                                                                                                                                                   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                                                                                                                                                         |
| <b>Specific hazards arising from the chemical</b>                    | The product is combustible, and heating may generate vapors which may form explosive vapor/air mixtures. During fire, gases hazardous to health may be formed.                                                                                                                                                 |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.                                                                                                                                                                                                                  |
| <b>Fire-fighting equipment/instructions</b>                          | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Use standard firefighting procedures and consider the hazards of other involved materials. |
| <b>General fire hazards</b>                                          | Combustible liquid. Will burn if involved in a fire.                                                                                                                                                                                                                                                           |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

Use water spray to reduce vapors or divert vapor cloud drift. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.

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

**Environmental precautions**

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

**7. Handling and storage****Precautions for safe handling**

Keep away from open flames, hot surfaces and sources of ignition. When using do not smoke. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices. For product usage instructions, see the product label.

**Conditions for safe storage, including any incompatibilities**

Keep away from heat and sources of ignition. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls/personal protection****Occupational exposure limits****US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

| Components                                                          | Type | Value               | Form  |
|---------------------------------------------------------------------|------|---------------------|-------|
| paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7) | PEL  | 5 mg/m <sup>3</sup> | Mist. |
| paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8) | PEL  | 5 mg/m <sup>3</sup> | Mist. |
| petrolatum (CAS 8009-03-8)                                          | PEL  | 5 mg/m <sup>3</sup> | Mist. |

**US. ACGIH Threshold Limit Values**

| Components                                                          | Type | Value                | Form                 |
|---------------------------------------------------------------------|------|----------------------|----------------------|
| butyl stearate (CAS 123-95-5)                                       | TWA  | 3 mg/m <sup>3</sup>  | Respirable fraction. |
| paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7) | TWA  | 10 mg/m <sup>3</sup> | Inhalable fraction.  |
| paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8) | TWA  | 5 mg/m <sup>3</sup>  | Inhalable fraction.  |
| petrolatum (CAS 8009-03-8)                                          | TWA  | 5 mg/m <sup>3</sup>  | Inhalable fraction.  |

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

| Components                                                          | Type | Value                 | Form  |
|---------------------------------------------------------------------|------|-----------------------|-------|
| distillates (petroleum), hydrotreated light (CAS 64742-47-8)        | TWA  | 100 mg/m <sup>3</sup> |       |
| paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7) | STEL | 10 mg/m <sup>3</sup>  | Mist. |
|                                                                     | TWA  | 5 mg/m <sup>3</sup>   | Mist. |

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

| Components                                                                   | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Value                | Form  |
|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------|
| paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)          | STEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10 mg/m <sup>3</sup> | Mist. |
|                                                                              | TWA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5 mg/m <sup>3</sup>  | Mist. |
| petrolatum (CAS 8009-03-8)                                                   | STEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10 mg/m <sup>3</sup> | Mist. |
|                                                                              | TWA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 5 mg/m <sup>3</sup>  | Mist. |
| <b>Biological limit values</b>                                               | No biological exposure limits noted for the ingredient(s).                                                                                                                                                                                                                                                                                                                                                                                                                             |                      |       |
| <b>Appropriate engineering controls</b>                                      | Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower should be available when handling this product. |                      |       |
| <b>Individual protection measures, such as personal protective equipment</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |       |
| <b>Eye/face protection</b>                                                   | Wear safety glasses with side shields (or goggles).                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |       |
| <b>Skin protection</b>                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                      |       |
| <b>Hand protection</b>                                                       | Wear protective gloves such as: Nitrile. Neoprene.                                                                                                                                                                                                                                                                                                                                                                                                                                     |                      |       |
| <b>Other</b>                                                                 | Wear appropriate chemical resistant clothing.                                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |       |
| <b>Respiratory protection</b>                                                | If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Air monitoring is needed to determine actual employee exposure levels.                                                                                                                                                             |                      |       |
| <b>Thermal hazards</b>                                                       | Wear appropriate thermal protective clothing, when necessary.                                                                                                                                                                                                                                                                                                                                                                                                                          |                      |       |
| <b>General hygiene considerations</b>                                        | When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.                                                                                                                                                                                                                          |                      |       |

**9. Physical and chemical properties****Appearance**

|                       |         |
|-----------------------|---------|
| <b>Physical state</b> | Liquid. |
| <b>Form</b>           | Liquid. |
| <b>Color</b>          | Tan.    |

**Odor** Petroleum.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** -56.2 °F (-49 °C) estimated

**Initial boiling point and boiling range** 212 °F (100 °C) estimated

**Flash point** 190 °F (87.8 °C) Setflash

**Evaporation rate** Slow.

**Flammability (solid, gas)** Not available.

**Upper/lower flammability or explosive limits**

**Flammability limit - lower (%)** 0.5 % estimated

**Flammability limit - upper (%)** 5.5 % estimated

**Vapor pressure** 0.2 hPa estimated

**Vapor density** > 1 (air = 1)

**Relative density** 0.86

**Solubility(ies)**

**Solubility (water)** Not available.

**Partition coefficient (n-octanol/water)** Not available.

|                                  |                           |
|----------------------------------|---------------------------|
| <b>Auto-ignition temperature</b> | 410 °F (210 °C) estimated |
| <b>Decomposition temperature</b> | Not available.            |
| <b>Viscosity</b>                 | Not available.            |
| <b>Percent volatile</b>          | 64.5 % estimated          |

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## 10. Stability and reactivity

|                                           |                                                                                                                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.                                                                         |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.                                                                                                                           |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                                                                                           |
| <b>Conditions to avoid</b>                | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents.                                                                                                                                              |
| <b>Hazardous decomposition products</b>   | Carbon oxides. Sulfur oxides. Hydrogen sulfide. Mercaptans. Sulfides. Hydrocarbon fumes and smoke. Aldehydes.                                                         |

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## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | Prolonged inhalation may be harmful.                                                                                   |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.                                                                   |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation.                                                               |
| <b>Ingestion</b>    | Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia. |

**Symptoms related to the physical, chemical and toxicological characteristics**      Aspiration may cause pulmonary edema and pneumonitis. Headache. Nausea, vomiting. Diarrhea.

### Information on toxicological effects

**Acute toxicity**      May be fatal if swallowed and enters airways.

| Components                                                          | Species | Test Results       |
|---------------------------------------------------------------------|---------|--------------------|
| butyl stearate (CAS 123-95-5)                                       |         |                    |
| <b>Acute</b>                                                        |         |                    |
| <b>Oral</b>                                                         |         |                    |
| LD50                                                                | Rat     | 32 g/kg            |
| distillates (petroleum), hydrotreated light (CAS 64742-47-8)        |         |                    |
| <b>Acute</b>                                                        |         |                    |
| <b>Dermal</b>                                                       |         |                    |
| LD50                                                                | Rabbit  | > 2000 mg/kg       |
| <b>Inhalation</b>                                                   |         |                    |
| LC50                                                                | Rat     | > 20 mg/l, 4 hours |
| <b>Oral</b>                                                         |         |                    |
| LD50                                                                | Rat     | > 5000 mg/kg       |
| fatty acids, C18-unsatd., dimers (CAS 61788-89-4)                   |         |                    |
| <b>Acute</b>                                                        |         |                    |
| <b>Oral</b>                                                         |         |                    |
| LD50                                                                | Rat     | > 5000 mg/kg       |
| paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7) |         |                    |
| <b>Acute</b>                                                        |         |                    |
| <b>Dermal</b>                                                       |         |                    |
| LD50                                                                | Rabbit  | > 2000 mg/kg       |
| <b>Oral</b>                                                         |         |                    |
| LD50                                                                | Rat     | > 5000 mg/kg       |

| Components                                                          | Species                                                                                                          | Test Results       |
|---------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------|
| paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8) |                                                                                                                  |                    |
| <b>Acute</b>                                                        |                                                                                                                  |                    |
| <b>Dermal</b>                                                       |                                                                                                                  |                    |
| LD50                                                                | Rabbit                                                                                                           | > 2000 mg/kg       |
| <b>Oral</b>                                                         |                                                                                                                  |                    |
| LD50                                                                | Rat                                                                                                              | > 5000 mg/kg       |
| petrolatum (CAS 8009-03-8)                                          |                                                                                                                  |                    |
| <b>Acute</b>                                                        |                                                                                                                  |                    |
| <b>Dermal</b>                                                       |                                                                                                                  |                    |
| LD50                                                                | Rabbit                                                                                                           | > 2000 mg/kg       |
| <b>Inhalation</b>                                                   |                                                                                                                  |                    |
| LC50                                                                | Rat                                                                                                              | > 20 mg/l, 4 hours |
| <b>Oral</b>                                                         |                                                                                                                  |                    |
| LD50                                                                | Rat                                                                                                              | > 2000 mg/kg       |
| sodium petroleum sulfonate (CAS 68608-26-4)                         |                                                                                                                  |                    |
| <b>Acute</b>                                                        |                                                                                                                  |                    |
| <b>Dermal</b>                                                       |                                                                                                                  |                    |
| LD50                                                                | Rabbit                                                                                                           | > 2000 mg/kg       |
| <b>Inhalation</b>                                                   |                                                                                                                  |                    |
| LC50                                                                | Rat                                                                                                              | > 20 mg/l, 4 hours |
| <b>Oral</b>                                                         |                                                                                                                  |                    |
| LD50                                                                | Rat                                                                                                              | > 2000 mg/kg       |
| sorbitan monooleate (CAS 1338-43-8)                                 |                                                                                                                  |                    |
| <b>Acute</b>                                                        |                                                                                                                  |                    |
| <b>Dermal</b>                                                       |                                                                                                                  |                    |
| LD50                                                                | Rabbit                                                                                                           | > 2000 mg/kg       |
| <b>Inhalation</b>                                                   |                                                                                                                  |                    |
| LC50                                                                | Rat                                                                                                              | > 20 mg/l, 4 hours |
| <b>Oral</b>                                                         |                                                                                                                  |                    |
| LD50                                                                | Rat                                                                                                              | 39800 mg/kg        |
| sorbitan monotallate (CAS 61791-48-8)                               |                                                                                                                  |                    |
| <b>Acute</b>                                                        |                                                                                                                  |                    |
| <b>Dermal</b>                                                       |                                                                                                                  |                    |
| LD50                                                                | Rabbit                                                                                                           | > 2000 mg/kg       |
| <b>Inhalation</b>                                                   |                                                                                                                  |                    |
| LC50                                                                | Rat                                                                                                              | > 20 mg/l, 4 hours |
| <b>Oral</b>                                                         |                                                                                                                  |                    |
| LD50                                                                | Rat                                                                                                              | 39800 mg/kg        |
| <b>Skin corrosion/irritation</b>                                    | Prolonged skin contact may cause temporary irritation.                                                           |                    |
| <b>Serious eye damage/eye irritation</b>                            | Direct contact with eyes may cause temporary irritation.                                                         |                    |
| <b>Respiratory or skin sensitization</b>                            |                                                                                                                  |                    |
| <b>Respiratory sensitization</b>                                    | Not a respiratory sensitizer.                                                                                    |                    |
| <b>Skin sensitization</b>                                           | This product is not expected to cause skin sensitization.                                                        |                    |
| <b>Germ cell mutagenicity</b>                                       | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |                    |
| <b>Carcinogenicity</b>                                              | Not classifiable as to carcinogenicity to humans.                                                                |                    |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b>       |                                                                                                                  |                    |
| paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8) | 3 Not classifiable as to carcinogenicity to humans.                                                              |                    |

## OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)

Not regulated.

## US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

|                                                           |                                                                              |
|-----------------------------------------------------------|------------------------------------------------------------------------------|
| <b>Reproductive toxicity</b>                              | This product is not expected to cause reproductive or developmental effects. |
| <b>Specific target organ toxicity - single exposure</b>   | Not classified.                                                              |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified.                                                              |
| <b>Aspiration hazard</b>                                  | May be fatal if swallowed and enters airways.                                |
| <b>Chronic effects</b>                                    | Prolonged inhalation may be harmful.                                         |

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## 12. Ecological information

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

| Components                                                          | Species | Test Results                                        |                       |
|---------------------------------------------------------------------|---------|-----------------------------------------------------|-----------------------|
| fatty acids, C18-unsatd., dimers (CAS 61788-89-4)                   |         |                                                     |                       |
| <b>Aquatic</b>                                                      |         |                                                     |                       |
| <i>Acute</i>                                                        |         |                                                     |                       |
| Fish                                                                | LC50    | Carp (Cyprinus carpio)                              | > 350 mg/l, 96 hours  |
| paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8) |         |                                                     |                       |
| <b>Aquatic</b>                                                      |         |                                                     |                       |
| <i>Acute</i>                                                        |         |                                                     |                       |
| Crustacea                                                           | EC50    | Daphnia                                             | > 100 mg/l, 48 hours  |
| sorbitan monooleate (CAS 1338-43-8)                                 |         |                                                     |                       |
| <b>Aquatic</b>                                                      |         |                                                     |                       |
| <i>Acute</i>                                                        |         |                                                     |                       |
| Fish                                                                | LC50    | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | > 1000 mg/l, 96 hours |

**Persistence and degradability** No data is available on the degradability of any ingredients in the mixture.

**Bioaccumulative potential**

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

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## 13. Disposal considerations

**Disposal instructions** This product is not a RCRA hazardous waste (See 40 CFR Part 261.20 – 261.33). Empty containers may be recycled. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national regulations.

**Hazardous waste code** Not regulated.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

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## 14. Transport information

**DOT**

Not regulated as dangerous goods.

**IATA**

Not regulated as dangerous goods.

**IMDG**

Not regulated as dangerous goods.

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## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

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

Not regulated.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not regulated.

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

Not listed.

**CERCLA Hazardous Substances: Reportable quantity**

Not listed.

Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee.

**Other federal regulations**

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

Not regulated.

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

Not regulated.

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

**Food and Drug Administration (FDA)** Not regulated.

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

**Classified hazard categories** Flammable (gases, aerosols, liquids, or solids)  
Aspiration hazard

**SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical** Yes

**SARA 313 (TRI reporting)**  
Not regulated.

**US state regulations**

**US. Massachusetts RTK - Substance List**

paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)  
paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)

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

distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)  
paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)

**US. Rhode Island RTK**

distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)  
paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)  
petrolatum (CAS 8009-03-8)

**California Proposition 65**



**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**California Proposition 65 - CRT: Listed date/Carcinogenic substance**

|                             |                           |
|-----------------------------|---------------------------|
| benzene (CAS 71-43-2)       | Listed: February 27, 1987 |
| ethylbenzene (CAS 100-41-4) | Listed: June 11, 2004     |
| naphthalene (CAS 91-20-3)   | Listed: April 19, 2002    |

**California Proposition 65 - CRT: Listed date/Developmental toxin**

|                        |                           |
|------------------------|---------------------------|
| benzene (CAS 71-43-2)  | Listed: December 26, 1997 |
| toluene (CAS 108-88-3) | Listed: January 1, 1991   |

**California Proposition 65 - CRT: Listed date/Male reproductive toxin**

|                       |                           |
|-----------------------|---------------------------|
| benzene (CAS 71-43-2) | Listed: December 26, 1997 |
|-----------------------|---------------------------|

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

distillates (petroleum), hydrotreated light (CAS 64742-47-8)  
paraffin oils (petroleum), catalytic dewaxed heavy (CAS 64742-70-7)  
paraffin oils (petroleum), catalytic dewaxed light (CAS 64742-71-8)  
petrolatum (CAS 8009-03-8)

**Volatile organic compounds (VOC) regulations**

**EPA**

**VOC content (40 CFR 51.100(s))** 90.8 %  
**Consumer products (40 CFR 59, Subpt. C)** Not regulated

**State**

**Consumer products** Not regulated  
**VOC content (CA)** 5.9 %  
**VOC content (OTC)** 5.9 %

**International Inventories**

| <b>Country(s) or region</b> | <b>Inventory name</b>                                                  | <b>On inventory (yes/no)*</b> |
|-----------------------------|------------------------------------------------------------------------|-------------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                            |
| Canada                      | Domestic Substances List (DSL)                                         | No                            |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                            |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                           |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                            |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                            |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                            |
| Korea                       | Existing Chemicals List (ECL)                                          | No                            |
| New Zealand                 | New Zealand Inventory                                                  | No                            |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                            |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                             | No                            |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                           |

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

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

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

**Issue date** 01-22-2019  
**Revision date** 01-22-2019  
**Prepared by** Allison Yoon  
**Version #** 03  
**Further information** CRC # 540F/1002558

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**Revision information** Physical & Chemical Properties: Multiple Properties