



**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Keep container tightly closed  
 Ground/bond container and receiving equipment  
 Use explosion-proof equipment  
 Use only non-sparking tools  
 Take precautionary measures against static discharge

**Precautionary Statements - Response**

If exposed or concerned: Get medical advice/attention  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 If skin irritation persists: Get medical advice/attention  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do not induce vomiting  
 IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name         | CAS No     | Weight-% |
|-----------------------|------------|----------|
| Petroleum Hydrocarbon | 64742-48-9 | 45-50    |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

**4. FIRST-AID MEASURES**

**First Aid Measures**

- Eye Contact**                      Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.
- Skin Contact**                      IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If irritation persists, seek medical attention.
- Inhalation**                          Remove to fresh air.
- Ingestion**                          IF SWALLOWED: call a poison control center or physician immediately. Do not induce vomiting.

**Most important symptoms and effects**

- Symptoms**                          Repeated exposure may cause skin dryness or cracking. Eye contact may be slightly irritating.

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

- Notes to Physician**              Treat symptomatically.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Dry chemical. Foam. Carbon dioxide (CO2).

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Flammable liquid and vapor.

**Sensitivity to Static Discharge** Take precautionary measures against static discharge.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

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

**Personal Precautions** Use personal protective equipment as required.

**Environmental Precautions** Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 13: DISPOSAL CONSIDERATIONS.

**Methods and material for containment and cleaning up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Soak up with inert absorbent material. Keep in suitable, closed containers for disposal. Dispose of in accordance with federal, state and local regulations.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear protective gloves/protective clothing and eye/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Do not destroy or deface the label.

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

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Store containers upright. Store locked up.

**Incompatible Materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

| Chemical Name                       | ACGIH TLV  | OSHA PEL | NIOSH IDLH |
|-------------------------------------|--|----------|------------|
| Petroleum Hydrocarbon<br>64742-48-9 | ACGIH TWA: 5 mg/m <sup>3</sup> ; ACGIH<br>STEL: 10 mg/m <sup>3</sup> | -        | -          |

**Appropriate engineering controls**

**Engineering Controls**                      Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

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

**Eye/Face Protection**                      Wear eye/face protection.  
**Skin and Body Protection**                Wear protective gloves and protective clothing.  
**Respiratory Protection**                    Ensure adequate ventilation, especially in confined areas.  
**General Hygiene Considerations**        Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |              |                       |                |
|-----------------------|--------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid       | <b>Odor</b>           | Lemon          |
| <b>Appearance</b>     | Clear liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Clear        |                       |                |

| <b><u>Property</u></b>              | <b><u>Values</u></b>  | <b><u>Remarks • Method</u></b>   |
|-------------------------------------|-----------------------|----------------------------------|
| <b>pH</b>                           | Not Applicable        |                                  |
| <b>Melting Point/Freezing Point</b> | Not Applicable        |                                  |
| <b>Boiling Point/Boiling Range</b>  | Not determined        |                                  |
| <b>Flash Point</b>                  | 51.7 °C / 125 °F      | Pensky-Martens Closed Cup (PMCC) |
| <b>Evaporation Rate</b>             | Not determined        |                                  |
| <b>Flammability (Solid, Gas)</b>    | Liquid-Not Applicable |                                  |
| <b>Upper Flammability Limits</b>    | Not determined        |                                  |
| <b>Lower Flammability Limit</b>     | Not determined        |                                  |
| <b>Vapor Pressure</b>               | Not Applicable        |                                  |
| <b>Vapor Density</b>                | Not determined        |                                  |
| <b>Specific Gravity</b>             | 0.811                 | (1=Water)                        |
| <b>Water Solubility</b>             | insoluble             |                                  |
| <b>Solubility in other solvents</b> | Not determined        |                                  |
| <b>Partition Coefficient</b>        | Not determined        |                                  |
| <b>Auto-ignition Temperature</b>    | Not determined        |                                  |
| <b>Decomposition Temperature</b>    | Not determined        |                                  |
| <b>Kinematic Viscosity</b>          | Not determined        |                                  |
| <b>Dynamic Viscosity</b>            | Not determined        |                                  |
| <b>Explosive Properties</b>         | Not determined        |                                  |
| <b>Oxidizing Properties</b>         | Not determined        |                                  |

**10. STABILITY AND REACTIVITY**

**Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children.

**Incompatible Materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | May cause slight irritation.   |
| <b>Skin Contact</b> | Repeated exposure may cause skin dryness or cracking.  |
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Ingestion</b>    | May be fatal if swallowed and enters airways.  |

### Component Information

| Chemical Name                       | Oral LD50            | Dermal LD50             | Inhalation LC50 |
|-------------------------------------|----------------------|-------------------------|-----------------|
| Trade Secret                        | > 5000 mg/kg ( Rat ) | -                       | -               |
| Petroleum Hydrocarbon<br>64742-48-9 | > 5000 mg/kg ( Rat ) | > 3160 mg/kg ( Rabbit ) | -               |

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|                               |  |
|-------------------------------|--|
| <b>Germ cell mutagenicity</b> | May cause genetic defects.   |
| <b>Carcinogenicity</b>        | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
| <b>Aspiration hazard</b>      | May be fatal if swallowed and enters airways.  |

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

### Component Information

| Chemical Name                       | Algae/aquatic plants | Fish                                      | Toxicity to microorganisms | Crustacea                                  |
|-------------------------------------|----------------------|---|----------------------------|--|
| Trade Secret                        |                      | 10000: 96 h Lepomis macrochirus mg/L LC50 |                            |  |
| Petroleum Hydrocarbon<br>64742-48-9 |                      | 2200: 96 h Pimephales promelas mg/L LC50  |                            | 2.6: 96 h Chaetogammarus marinus mg/L LC50 |

### Persistence/Degradability

Not determined.

**Bioaccumulation**

Not determined.

**Mobility**

Not determined

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

|                               |   |
|-------------------------------|---|
| <b>Disposal of Wastes</b>     | Disposal should be in accordance with applicable regional, national and local laws and regulations. |
| <b>Contaminated Packaging</b> | Disposal should be in accordance with applicable regional, national and local laws and regulations. |

**14. TRANSPORT INFORMATION**

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

|                             |  |
|-----------------------------|--|
| <b>UN/ID No</b>             | UN1993   |
| <b>Proper Shipping Name</b> | Flammable liquid, n.o.s. (Petroleum distillates) |
| <b>Hazard Class</b>         | 3  |
| <b>Packing Group</b>        | III  |

**IATA**

|                             |  |
|-----------------------------|--|
| <b>UN/ID No</b>             | UN1993   |
| <b>Proper Shipping Name</b> | Flammable liquid, n.o.s. (Petroleum distillates) |
| <b>Hazard Class</b>         | 3  |
| <b>Packing Group</b>        | III  |

**IMDG**

|                             |  |
|-----------------------------|--|
| <b>UN/ID No</b>             | UN1993   |
| <b>Proper Shipping Name</b> | Flammable liquid, n.o.s. (Petroleum distillates) |
| <b>Hazard Class</b>         | 3  |
| <b>Packing Group</b>        | III  |

**15. REGULATORY INFORMATION**

**International Inventories**

**TSCA** One or more ingredient(s) in this product is listed on the TSCA inventory

**Legend:**

TSCA - *United States Toxic Substances Control Act Section 8(b) Inventory*

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product does not contain any substances regulated under applicable state right-to-know regulations

**16. OTHER INFORMATION**

| <u>NFPA</u> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Instability</b>      | <b>Special Hazards</b>     |
|-------------|-----------------------|---------------------|-------------------------|----------------------------|
|             | Not determined        | Not determined      | Not determined          | Not determined             |
| <u>HMIS</u> | <b>Health Hazards</b> | <b>Flammability</b> | <b>Physical Hazards</b> | <b>Personal Protection</b> |
|             | 2                     | 3                   | 0                       | B = Goggles, gloves        |

Issue Date: 20-Jan-2009  
 Revision Date: 08-Sep-2014  
 Revision Note: New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**