

# MATERIAL SAFETY DATA SHEET

Revision Number F Revision Date 12/29/06

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product code  
 Product name Ship to Shore, Product # G-119  
 Chemical characterization Grease.  
Manufacturer, importer, supplier Manufactured for:  
 Chemax Corporation  
 PO Box 7453  
 Beaumont, TX 77726  
 Phone: 800-346-0132  
 409-866-4232

**EMERGENCY TELEPHONE NUMBER**

## 2. HAZARD IDENTIFICATION

### Emergency Overview:

- CAUTION
- Harmful if swallowed
- Do not freeze
- KEEP OUT OF REACH OF CHILDREN

<b>HMIS (Hazardous Material Information System)</b>	Health=1; Fire=1; Reactivity=0 Personal protective equipment = B
<b>Eye contact</b>	May cause slight irritation.
<b>Skin contact</b>	Substance may cause slight skin irritation.
<b>Inhalation</b>	None under normal processing. Excessive inhalation may cause headaches, dizziness, and/or drowsiness.
<b>Ingestion:</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>General advice</b>	Avoid contact with skin and eyes.
<b>Principle Routes of Exposure</b>	<b>Skin contact</b>

## 3. COMPOSITION/INFORMATION ON INGREDIENTS (hazardous components 1% or greater; carcinogens 0.1% or greater)

CAS	Chemical Name	% Weight	OSHA*	ACGIH TLV (ppm)
8002-05-9	Petroleum distillates (naphtha)	85 - 95	5 mg/m3 (TWA for oil mist)	5 mg/m3 (TWA for oil mist)

\* OSHA - PELs

## 4. FIRST AID MEASURES

<b>Skin contact</b>	<ul style="list-style-type: none"> <li>• Wash off with soap and water</li> <li>• If skin irritation persists, call a physician</li> </ul>
<b>Eye contact</b>	<ul style="list-style-type: none"> <li>• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes</li> <li>• If eye irritation persists, consult a specialist</li> </ul>
<b>Inhalation</b>	<ul style="list-style-type: none"> <li>• Move to fresh air</li> <li>• If not breathing, give artificial respiration</li> <li>• Consult a physician</li> </ul>
<b>Ingestion:</b>	<ul style="list-style-type: none"> <li>• DO NOT INDUCE VOMITING</li> <li>• Never give anything by mouth to an unconscious person</li> <li>• Clean mouth with water and afterwards drink plenty of water</li> <li>• Call a physician or Poison Control Centre immediately</li> </ul>
<b>Aggravated Medical Conditions</b>	<ul style="list-style-type: none"> <li>• May aggravate existing eye, skin, or upper respiratory conditions</li> </ul>

**5. FIRE-FIGHTING MEASURES**

NFPA (National Fire Protection Association)	Health=1; Fire=1; Reactivity=0; Special = -
Flammability as per USA Flame Projection Test (aerosols)	Not Applicable
Flash point (non-aerosols)	>400°F, (204.4 °C)
Suitable extinguishing media	Dry chemical (preferred). Carbon dioxide (CO2). Foamy spray. Water spray.
Extinguishing media which must not be used for safety reasons	None
Specific Hazards	Keep product and empty container away from heat and sources of ignition
Special protective equipment for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear
Specific methods	No special protective measures against fire required

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions	Ensure adequate ventilation
Environmental precautions	Contain spills.
Methods for cleaning up	Remove all sources of ignition. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container . Take up mechanically and collect in suitable container for disposal.

**7. HANDLING AND STORAGE****Handling**

Safe handling advice	Remove all sources of ignition. Avoid prolonged exposure to mist and vapours.
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**Storage**

Technical measures/Precautions	KEEP OUT OF REACH OF CHILDREN. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers. Keep away from heat and sources of ignition.
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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Engineering measures	Ensure adequate ventilation, especially in confined areas
Respiratory protection	None under normal use.
Hand protection	Oil resistant gloves
Eye protection	safety glasses
Skin and body protection	None under normal use.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. Keep away from food and drink Wash hands before breaks and at the end of workday When using, do not eat, drink or smoke. Keep working clothes separately

**9. PHYSICAL AND CHEMICAL PROPERTIES****General Information**

Form	Grease
Appearance	Gel
Colour	red
Odour	Oily



**Important Health Safety and Environmental Information**

Specific Gravity	0.80
Density @ 68°F (20 °C)	6.67 lbs/gal
pH	N/A
Boiling point/range	N/A
Flash point	>400°F, (204.4 °C)
Vapour pressure	Not Applicable.
Vapour density	12 (air = 1).
Water solubility	negligible.
Evaporation Rate	Not Applicable
VOC Content(%)	0.0%; per US EPA Definition

**10. STABILITY AND REACTIVITY**

Stability	Stable under normal conditions
Conditions to avoid	Oxidizing atmospheres.
Materials to avoid	Chlorine and Oxygen
Hazardous decomposition products	Thermal: unidentified organics Oxidation: carbon oxides
Polymerization	Hazardous polymerization does not occur

**11. TOXICOLOGICAL INFORMATION****Acute toxicity****Component Information**

CAS	Chemical Name	% Weight	NIOSH - Selected LD50s and LC50s
8002-05-9	Petroleum distillates (naphtha)	85 - 95	Oral LD50 Rat: >4300 mg/kg

**Product Information**

LD50/oral/rat =	Not Determined
LD50/dermal/rat =	Not Determined
<b>Local effects</b>	
<b>Skin irritation</b>	May cause skin irritation in susceptible persons.
<b>Eye irritation</b>	May cause eye irritation with susceptible persons.
<b>Inhalation</b>	Excessive inhalation may cause irritation of respiratory tract.
<b>Ingestion:</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
<b>Sensitization</b>	May cause sensitization of susceptible persons.
<b>Chronic toxicity</b>	None reasonably foreseeable

**12. ECOLOGICAL INFORMATION****Ecotoxicity effects****Component Information**

CAS	Chemical Name	% Weight	EFFSD*
8002-05-9	Petroleum distillates (naphtha)	85 - 95	N/A

\* EFFSD - Ecotoxicity - Freshwater Fish Species Data

**Product Information**

Aquatic toxicity Not Determined.

**Other information:**

Ozone depletion potential; ODP; (R-11 = 1) Not Determined.

Global warming potential (GWP)	Not Determined
Additional ecological information	Not Determined
Mobility	Not Determined
Bioaccumulative potential	Not Determined

**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Empty containers may contain explosive gas.

**14. TRANSPORT INFORMATION**

<b>DOT</b>	Not Regulated.
UN Number	Not Applicable
Proper shipping name	Not Applicable
Packing group	Not Applicable
Subsidiary Risk	Not Applicable
Description	Not Applicable

<b>IATA</b>	Not regulated
UN Number	Not Applicable
Proper shipping name	Not Applicable
Packing group	Not Applicable
Subsidiary Risk	Not Applicable
Description	Not Applicable

<b>TDG</b>	Not regulated
UN Number	Not Applicable
Proper shipping name	Not Applicable
Packing group	Not Applicable
Subsidiary Risk	Not Applicable
Description	Not Applicable

**15. REGULATORY INFORMATION**

**U.S. Inventories**

CAS	Chemical Name	% Weight	CPCL*	TSCA*	CERCLA/SARA*	SARA III
8002-05-9	Petroleum distillates (naphtha)	85 - 95	N/A	Present	N/A	No

\* CPCL - California - Proposition 65 - Carcinogens List

\* TSCA - United States - Section 8 (b) Inventory (TSCA)

\* CERCLA/SARA - Hazardous Substances and their Reportable Quantities

**International Inventories**

CAS	Chemical Name	% Weight	DSL - Canada*	WHMIS*
8002-05-9	Petroleum distillates (naphtha)	85 - 95	Present	B2

\* DSL - Canada - Domestic Substances List (DSL)

\* WHMIS - Canada - WHMIS - Classifications of Substances

**16. OTHER INFORMATION**

**Prepared By** D. Padovani (IB), Regulatory Department. 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.

End of Safety Data Sheet