

## Material Safety Data Sheet

ALPHINE OIL

PRODUCT : GREASE

### SECTION 1 : PRODUCT IDENTIFICATION

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Trade Names : Grease

Chemical Family : Aromatic, Naphthenic, Paraffinic Hydrocarbons

Recommended use :  Used as Lubricants

Industries

### SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical name of the substance : Aromatic, Naphthenic, Paraffinic Hydrocarbons, Inorganic salts & Additives.

### SECTION 3 : HAZARDS IDENTIFICATION

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Hazard Statements :  Short term skin contact is not expected to cause skin irritation. Prolonged or repeated direct exposure to the skin may result in symptoms of irritation and redness.  
 Repeated exposure may cause skin dryness or cracking.  
 Ingestion may cause slight stomach irritation and discomfort.

Precautionary Statementsv :  IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
 Do NOT induce vomiting.  
 Dispose of contents/container according to national regulations and local authorities' advice. Other hazards  
 Combustible liquid. Oil mist may irritate the eyes and the respiratory tract.  
 Risk of soil and ground water contamination.

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### SECTION 4 : FIRST AID MEASURES

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#### Description of first aid measures

**Inhalation** : If signs or symptoms of overexposure occur, remove the employee to fresh air. If symptoms persist, seek medical attention.

**Skin contact** : Remove product from the skin by washing with a mild soap and water. Contaminated clothing should be removed to prevent prolonged exposure. If product is injected under the skin, seek treatment immediately. If symptoms of exposure persist, contact a physician.

**Eye contact** : Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. If symptoms persist, contact a physician.

**Ingestion** : If ingested, dilute stomach contents with two glasses of water. (NOTE: Do NOT give anything by mouth to an unconscious person.) Do not induce vomiting without medical supervision. If vomiting occurs spontaneously, keep airway clear. If symptoms of ingestion persist, seek medical attention.

### SECTION 5 : FIREFIGHTING MEASURES

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#### Extinguishing media

Suitable extinguishing media (Dry powder, carbon dioxide.Sand).  
Heavy foam and water fog for professional fire-fighters.

#### Special hazards arising from the substance or mixture

Combustible liquid. Explosion risk due to pressure increase if product containers or tanks are subjected to fire. Strong heating or fire can produce carbon monoxide and other products resulting from uncomplete combustion.

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### Advice for firefighters

Cool product containers and tanks near the fire with water spray from a sufficiently safe distance.

### Specific methods

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

Eliminate fire risk by keeping ignition sources out of the area. Evacuate people upwind from the spill area. Wear adequate protective equipment at all operations.

### Environmental precautions

Try to restrict the release and prevent spread of the product into the environment. Collect liquid before it spreads into drains, the ground and waters. In case of spill, immediately contact local authorities. Risk of soil and ground water contamination.

### Methods and materials for containment and cleaning up

If possible, safely contain the spill with dikes or other spill response equipment appropriate for petroleum or organic material releases. Take measures to prevent spreading of product. Note that while product will ignite it will not readily burn. However, as a precaution eliminate ignition sources. Prevent from entering sewers or waterways. Large volumes may be transferred to an appropriate container for proper disposal. Small volumes or residues may be soaked up with absorbents. Spill response materials should be collected for proper disposal.

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### SECTION 7 : HANDLING AND STORAGE

#### Handling

As with any industrial chemical, handle the product in a manner that minimizes exposure to practicable levels. Open containers slowly to relieve any pressure. Follow all other standard industrial hygiene practices. Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers. Keep containers closed when not in use. Product residue in empty containers is combustible but will not readily burn. NOTE however, that excessive heating or cutting of empty containers may create an ignition source sufficient to start a fire and in extreme cases, cause an explosion.

#### Precautions for safe handling

Handle the product in closed systems or provide sufficient ventilation. Avoid skin contact and inhalation of oil mist. Wear protective equipment when needed. When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Spillages make surfaces slippery. During tank operations follow special instructions (risk of oxygen displacement and hydrocarbons). Keep away from fire, sparks and heated surfaces. Take measures to prevent the build up of electrostatic charge

#### Storage

Protect product quality by storing indoors and away from extreme temperatures. Close all containers when not in use. Take precautionary measures to prevent product spills into drains, the ground or waters. Take precautions against leakage by constructing collecting pools and sewerage systems as well as by surfacing the loading and unloading stations. Retail batches are stored in tightly sealed, labelled containers which are impermeable to the product. Store in accordance with local regulations. Keep in properly labelled containers. Recommended materials for containers or container linings: carbon steel, stainless steel. Some synthetic materials may be unsuitable for containers or container linings depending on the material specification and intended use.

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### SECTION 8 : PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	: Yellowish Brown, semi- solid.
Odor	: A mild characteristic odor of Petroleum
Physical state	: Semi-Solid
Water Solubility	: Insoluble
Specific Gravity	: 0.910

### SECTION 9 : STABILITY AND REACTIVITY

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#### Reactivity

No dangerous reaction known under conditions of normal use.

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of hazardous reactions

None known.

#### Conditions to avoid

Keep away from fire, sparks and heated surfaces

#### Advice for firefighters

Cool product containers and tanks near the fire with water spray from a sufficiently safe distance.

#### Specific methods

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing.

### SECTION 10 : DISPOSAL CONSIDERATIONS

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Disposal recommendations based on material as supplied.  
Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

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### Disposal Recommendations

Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

### Regulatory Disposal Information

Disposal of unused product may be subject to RCRA regulations (40 CFR 261). Disposal of the used product may also be regulated due to ignitability, corrosivity, reactivity or toxicity as determined by the Toxicity Characteristic Leaching Procedure (TCLP).

Potential RCRA characteristics: IGNITABILITY.

### Empty Container Warning

Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

### SECTION 11 : TRANSPORT LABEL



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### SECTION 12 : OTHER INFORMATION

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This product is supplied on the understanding that it will be used in the manner and for the purpose(s) specified in the product data sheet, the user having taken all precaution stimulated. Failure to follow such direction may adversely affect any rights that the user might have against the company. Before application other than as directed, advice must be obtained from the company.

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