



GULF OIL
MATERIAL SAFETY DATA SHEET

GULF GLASS GRINDING OIL

Page 1
Product Code: 336231

NFPA HAZARD RATING

- 4 - Extreme
- 3 - High
- 2 - Moderate
- 1 - Slight
- 0 - Insignificant

PRODUCT NFPA HAZARD RATING

- Health - 2
- Fire - 2
- Reactivity - 0

DIVISION AND LOCATION---SECTION I

Division: MASTER DISTRIBUTOR OF GULF LUBRICANTS
Location: AMERICAN REFINING GROUP INC
77 N. KENDALL AVENUE, BRADFORD, PA, 16701
Emergency Telephone Number: 814-368-1297
Transportation Emergency: CHEMTREC 1-(800) 424-9300 (U.S. and Canada)

CHEMICAL AND PHYSICAL PROPERTIES---SECTION II

Chemical Name: petroleum hydrocarbon Formula: not applicable
Hazardous Decomposition Products: carbon monoxide and carbon dioxide from burning. oxides of phosphorous from burning oxides of sulfur
Incompatibility Keep away from): strong oxidizers such as hydrogen peroxide, bromine, and chromic acid.

Products Components	CAS No.	% (Volume)
Mineral Oil	64742-65-0	25 - 35
Mineral Oil	64742-53-6 or 64742-52-5	35 - 45
Kerosene	8008-20-6	8 - 10
Sulfonic Acids, Petroleum, Sodium Salts	68608-26-4	20 - 25

Form: liquid
Appearance: liquid
Specific Gravity (water=1): 0.912
Boiling Point: not determined
Melting Point: not determined
Solubility in Water: very
Volatile (by weight %) : not determined
Evaporation Rate: not determined
Vapor Pressure (mm Hg at 20°C) : not determined
Vapor Density (air=1): not determined
pH (as is) : not applicable
Stability: Product is stable under normal conditions
Viscosity SUS at 100°F: Less than 100

Odor: kerosene
Color: amber

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GULF GLASS GRINDING OIL

PAGE 2

Product Code: 336231

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FIRE AND EXPLOSION DATA---SECTION III

Special Fire Fighting Procedures: Do not use water except as fog.

Unusual Fire and Explosion Hazards:

Do not cut, weld, braze, solder, drill, grind or expose containers, drums, tanks, etc. of product to heat, flame, sparks, static electricity or other sources of ignition; they may ignite explosively.

Flash-point: (Method Used) PMCC greater than 57°C (135°F)

Flammable limits %: not applicable

Extinguishing agents:

Drychemical or Waterfog or CO₂ or Foam

Closed containers exposed to fire may be cooled with water.

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HEALTH HAZARD DATA---SECTION IV

Permissible concentrations (air): see COMMENTS section

Chronic effects of overexposure: no data available

Acute toxicological properties: Kerosene

Target Organs: Respiratory, central nervous systems, skin, eyes.

Overexposure may lead to adsorption by lungs, causing hemorrhaging and pulmonary edema. May progress to pneumonitis and kidney involvement. Acute oral LD₅₀ = 20 g/kg (Guinea Pig).

Emergency First Aid Procedures:

Eyes: Immediately flush with large quantities of water for at least 15 minutes and call a physician.

Skin contact: Remove excess with cloth or paper. Wash thoroughly with soap and water.

Inhalation: Remove victim to fresh air. Call a physician.

If Swallowed: Contact a physician immediately. DO NOT induce vomiting. (Vomiting may cause aspiration into lungs resulting in chemical pneumonia).

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SPECIAL PROTECTION INFORMATION---SECTION V

Ventilation Type Required (Local, mechanical, special): see COMMENTS section

Respiratory Protection (Specify type): If the TLV/PEL or the product or any component is exceeded, a NIOSH/MSHA approved self contained breathing apparatus with full face shield operated in pressure demand or other positive mode is advised; however, OSHA regulations also permit other NIOSH/MSHA respirators.

Protective Gloves: neoprene or nitrile

Eye Protection: chemical safety goggles

Other Protective Equipment: none



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GULF GLASS GRINDING OIL

PAGE 3

Product Code: 336231

HANDLING OF SPILLS OR LEAKS---SECTION VI

Procedures for Clean-Up: Transfer bulk of mixture into another container. Absorb residue with an inert material such as earth, sand, or vermiculite. Sweep up and dispose as solid was in accordance with local, state, and federal regulations.

Waste Disposal: Dispose of in accordance with all applicable federal, state and local regulations.

SPECIAL PRECAUTIONS---SECTION VII

Precautions to be taken in handling and storage:

Do not handle or store at temperatures over Maximum Storage Temperature: 38 ° C (100 ° F)

TRANSPORTATION DATA---SECTION VIII

D.O.T: Regulated

U.S. D.O.T Proper Shipping Name: Combustible Liquid, N.O.S.

U.S. D.O.T Hazard Class: DOT Hazard Class 3

I. D. Number: NA 1993 , PG III, ERG 128

Label (s y Required): Caution! Combustible

Reportable Quantity: not applicable

Freight Classification: Petroleum Lubricating Oil

Special Transportation Notes: none

ENVIRONMENTAL/SAFETY REGULATIONS---SECTION IX

Section 313 (Title III Superfund Amendment and Reauthorization Act):

This product does not contain any chemical in sufficient quantity to be subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

COMMENTS

If used in applications where a mist may be generated, observe a TWA/PEL of 5 mg/m³ for mineral oil mist (OSHA and ACGIH).

The additive mixtures in this product have been declared a trade secret by the additive manufacturers



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PAGE 4

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Prepared by: R. M. KELLAM

Title: PRODUCT SAFETY & HEALTH COORDINATOR

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