



MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product and Company Identification

Product Name: GEAR OIL (95848)

Chemical Formula: Mixture

Chemical Family: Severely Refined Mineral Oil and Additives

Manufacturer: Dynabrade Inc., 8989 Sheridan Drive, Clarence, NY 14031-1490, Phone (716) 631-0100, FAX (716) 631-2073, U.S. Customers Call Toll Free 1-800-396-2272

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number
Solvent Dewaxed Residual Oil (Petroleum)	64742-62-7
Sulfurized olefin	NJTSRN 800962-5004
Molybdenum dialkyldithiocarbamate	Proprietary

EXPOSURE LIMIT:

Hazardous Components (specific chemical identity; common name[s])	OSHA PEL	ACGIH TLV	ACGIH STEL
Solvent Dewaxed Residual Oil (Petroleum)	5 mg/m ³ *	5 mg/m ³ *	10 mg/m ³ *
Sulfurized olefin	n/e	n/e	n/e
Molybdenum dialkyldithiocarbamate	n/a	n/a	n/a

* oil mist n/e none established n/a none available

None of the components of this product at concentrations greater than or equal to 0.1% are listed as a carcinogen or potential carcinogen by NTP, IARC, OSHA.

Section 3 - Hazards Identification

☆☆☆☆☆ **Emergency Overview** ☆☆☆☆☆

May cause eye irritation. Prolonged and/or repeated skin contact may cause irritation.

Inhalation of mist or vapor may be irritating.

HMIS

H 1

F 1

R 0

PPE[†]

[†]Sec. 8

PRIMARY ROUTE(S) OF ENTRY

Eye Skin Inhalation Ingestion

EYE: Product contacting the eyes may cause eye irritation.

SKIN: Prolonged and/or repeated skin contact may cause irritation.

INGESTION: Do not induce vomiting. Small amounts aspirated into lungs during ingestion or vomiting may cause mild to severe pulmonary injury.

INHALATION: Not expected to be a route of exposure due to low volatility of product. At elevated temperatures, vapors or mists may be produced which may cause irritation to the respiratory tract.

CHRONIC EFFECTS OF OVEREXPOSURE

Prolonged and/or repeated exposure may cause irritation to the skin, eyes, or respiratory tract.

MEDICAL CONDITIONS WHICH MAY BE AGGRAVATED BY EXPOSURE

No specific information available.

Section 4 - First Aid Measures

SKIN: Remove any contaminated clothing. Wash thoroughly for 15 minutes with soap and water. If irritation occurs, get medical attention.

EYES: Immediately flush with plenty of water for 15 minutes. If irritation persists, get medical attention.

INGESTION: Do not induce vomiting. Get medical attention.

INHALATION: If respiratory discomfort or irritation occurs, move the person to fresh air. Get medical attention.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

Flash Point: > 400 °F (204 °C)

Flash Point Method: COC

Flammable Limits: (approx. % by vol. in air):

LEL: No data available

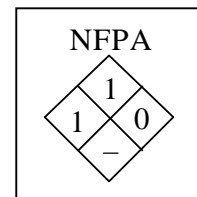
UEL: No data available

Autoignition Temp: Not determined

Extinguishing Media: Foam, dry chemical, carbon dioxide, water spray.

Unusual Fire or Explosion Hazards: None indicated.

Special Fire-Fighting Procedures: Use air-supplied breathing equipment for enclosed areas.

**Section 6 - Accidental Release Measures**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Recover free product. Contain any spill to prevent entry to sewers or streams. Add sand, earth or suitable absorbent to spill area. Transfer to closed container.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

Section 7 - Handling and Storage

Store in closed containers away from heat or open flames. Do not store with oxidizing agents.

Not for internal use. Avoid contact with skin, eye and clothing.

Section 8 - Exposure Controls / Personal Protection

Respiratory: None under normal conditions. NIOSH-approved supplied-air respirator when exposed to mists or vapor from heated material.

Ventilation: Mechanical (general) is satisfactory. Provide ventilation sufficient to prevent exceeding recommended exposure limits.

Hands: Oil impervious gloves, if needed, to avoid prolonged or repeated skin contact.

Eyes: Splash goggles or face shield when eye contact may occur.

Other: Avoid contact with skin and eyes. Wash thoroughly after handling.

Section 9 - Physical and Chemical Properties

Appearance and Odor: Green color: mild sulfur odor

Boiling Point: Not determined

Specific Gravity (H₂O = 1): ~0.90

Vapor Pressure (mm Hg): Not determined

Vapor Density (Air = 1): Not determined

Physical Form: Liquid

Solubility in water: Insoluble

Evaporation Rate (Butyl acetate = 1): < 1

Section 10 - Stability and Reactivity

Hazardous Decomposition or Byproducts: Hydrogen sulfide, Oxides of carbon, nitrogen, phosphorus and sulfur.

Hazardous Polymerization: Will not occur.

Stability: Stable

Incompatibility: Avoid contact with strong oxidizing agents such as liquid chlorine, concentrated oxygen, sodium hypochlorite, etc.

Section 11- Toxicological Information

This product is a mixture not tested as a whole for toxicity. A threshold limit value of 5mg/m³ is suggested for oil mist.

Section 12 - Ecological Information

Not available.

Section 13 – Waste Disposal Methods

Dispose of in accordance with all applicable local, state and federal regulations. Use licensed waste oil disposal contractor, remove to regulated landfill, or incinerate in an approved facility. Empty containers may contain product residue. Do not cut, heat or weld on or around empty containers.

Section 14 - Transport Information

Not regulated by US DOT, IMO or ICAO.

Section 15 - Regulatory Information

All components of this product are listed on the TSCA Inventory.

This product does not contain a following SARA Title 3 Section 313 (40 CFR 372) reportable chemical.

This product is not considered a controlled product according to the criteria of the Canadian Controlled Products Regulations.

Section 16 - Other Information

This information is furnished without warranty, expressed or implied, expect that it is accurate to the best knowledge of Dynabrade, Inc. Dynabrade, Inc. assumes no legal responsibility for the use or reliance upon this data.

Please note that the chemical identity of some or all of the ingredients that may or may not be listed herein is confidential business information and is being withheld as permitted by 29 CFR 1910.1200 and various state right-to-know laws.