



# MATERIAL SAFETY DATA SHEET

## Section 1 - Chemical Product and Company Identification

**Product Name:** GREASE 630-AA (95542)

**Generic/Chemical Name:** Petroleum Lubricating Grease

**Formula:** Lithium Soap, Mineral Oil and Additives

**USDA Authorization:** H-2

**Manufacturer:** Dynabrade Inc., 8989 Sheridan Drive, Clarence, NY 14031-1490, Phone (716) 631-0100, FAX (716) 631-2073, U.S. Customers Call Toll Free 1-800-828-7333

## Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	% (optional)
Mineral Oil	64742-52-5	70-80
Lithium Thickener	4485-12-5	5-10
Sulfurized Fatty Oil	68991-19-5	5-10
Zinc Oxide	1314-13-2	5-10

## Section 3 - Hazards Identification

☆☆☆☆☆ **Emergency Overview** ☆☆☆☆☆  
**Not expected to cause a severe emergency hazard.**

<b>HMIS</b>	
<b>H</b>	1
<b>F</b>	1
<b>R</b>	0
<b>PPE†</b>	
	†Sec. 8

### Potential Health Effects

**Threshold Limit Value:** 5 mg/m<sup>3</sup> for oil mist in air. OSHA Regulation 29 CFR 1910.1000

**EFFECTS OF OVEREXPOSURE:** Prolonged or repeated skin contact may cause skin irritation. Product contacting the eyes may cause eye irritation. Human health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists and fumes should be minimized. This product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury.

**Carcinogenicity:** NTP? No      IARC Monographs? No      OSHA Regulated? No  
**Not a Controlled Product under (WHMIS) - Canada**

## Section 4 - First Aid Procedures

**EYE CONTACT:** Flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician.

**SKIN CONTACT:** Remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of the appearance or its size, contact a physician IMMEDIATELY. Delay may cause loss of affected part of the body.

**INHALATION:** Vapor pressure is very low and inhalation at room temperature is not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician.

**INGESTION:** If ingested, call a physician immediately. Do not induce vomiting.

*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**

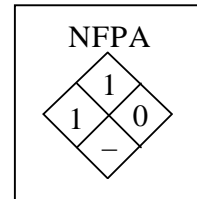
**LEL:** 0.9 %

**UEL:** 7.0 %

**Extinguishing Media:** Foam, Dry Chemical, Carbon Dioxide or Water Spray (Fog).

**Special Fire-Fighting Procedures:** Cool exposed containers with water. Use air-supplied breathing equipment for enclosed or confined spaces.

**Unusual Fire or Explosion Hazards:** Do not store or mix with strong oxidants. Empty containers retain residue. Do not cut, drill, grind or weld, as they may explode.



## Section 6 - Accidental Release Measures

**Steps to be taken in case material is released or spilled:** Scrape up grease, wash remainder with suitable petroleum solvent or add absorbent. Keep petroleum products out of sewers and water courses. Advise authorities if product has entered or may enter sewers and water courses.

**Waste disposal method:** Assure conformity with applicable disposal regulations. Dispose of absorbed material at an approved waste disposal facility or site.

## Section 7 - Handling and Storage

**Precautions to be taken in handling and storing:** Keep containers closed when not in use. Do not handle or store near heat, sparks, flame, or strong oxidants.

**Other Precautions:** Remove oil-soaked clothing and launder before reuse. Cleanse skin thoroughly after contact.

## Section 8 - Exposure Controls / Personal Protection

**Respiratory Protection (Specify type):** Normally not needed.

**Ventilation: Local Exhaust:** Used to capture fumes and vapors.

**Mechanical (General)**

**Protective Gloves:** Use oil-resistant gloves, if needed.

**Other Protective Equipment:** Use oil-resistant apron, if needed.

**Special:** N/A

**Other:** N/A

**Eye Protection:** If chance of eye contact, wear goggles.

## Section 9 - Physical and Chemical Properties

**Boiling Point:** > 550° F

**Vapor Pressure (mm Hg.):** < 0.01

**Vapor Density (AIR = 1):** > 5

**Solubility in Water:** Negligible

**Appearance and Odor:** Smooth, tan grease with mineral oil odor

**Specific Gravity (H<sub>2</sub>O = 1):** 0.94 – 0.95

**Melting Point:** Semi-solid

**Evaporation Rate (Butyl Acetate = 1):** < 0.01

**PH:** Essentially Neutral

## Section 10 - Stability and Reactivity

**Stability:** Stable

**Conditions to Avoid:** N/A

**Incompatibility (Materials to Avoid):** Avoid contact with strong oxidants like liquid chlorine, concentrated oxygen.

**Hazardous Decomposition or Byproducts:** May form SO<sub>2</sub>. If incomplete combustion, Carbon Monoxide.

**Hazardous Polymerization:** Will Not Occur

**Conditions to Avoid:** N/A

## Section 11- Toxicological Information

No testing available. See Section 4.

## Section 12 - Ecological Information

No data given.

## Section 13 - Disposal Considerations

**Disposal:** Dispose in accordance with all Federal, State, and Local Regulations. Not a RCRA hazardous waste if uncontaminated. If "used", RCRA criteria must be determined. Do not flush to drain/storm sewer. Contract to authorized disposal service. If permitted, incineration may be practical. Consider recycling.

**RCRA Information** – Not a RCRA hazardous waste if uncontaminated.

### Section 14 - Transport Information

**Proper Shipping Name:** Not regulated by DOT.  
**Hazard Class:** Not applicable  
**DOT Identification Number:** Not applicable  
**DOT Shipping Label:** Not regulated by DOT.

### Section 15 - Regulatory Information

**U.S. Federal Regulatory Information**

**SARA 302 – Threshold Planning Quantity:** Not applicable

**SARA 304 – Reportable Quantity:** Not applicable

**SARA 311 – Categories:** Immediate (Acute) Health effects --N  
 Delayed (Chronic) Health Effects --N  
 Fire Hazard --N  
 Sudden Release of Pressure Hazard --N  
 Reactivity Hazard --N

**EPA/TSCA Inventory:** The components of this product are listed on the EPA/TSCA inventory of chemicals.

**EPA Hazard Classification Code:** Not applicable

**Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):** No chemicals in this product are subject to the reporting requirements of CERCLA.

**SARA Title III – Section 313 Supplier Notification** – Zinc Compounds < 8 %

WHMIS Classification: Not Controlled

### Section 16 - Other Information

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. Dynabrade, Inc. assumes no legal responsibility for use or reliance upon this data.