



# MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

IDENTITY (as it appears on label and list) <b>GREASE 630-AA (95542)</b>	NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
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## SECTION I

MANUFACTURER'S NAME <b>DYNABRADE, INC.</b>	EMERGENCY TELEPHONE NO. <b>(716) 631-0100</b>
ADDRESS (number, street, city, state and zip code) <b>8989 SHERIDAN DRIVE</b>	TELEPHONE NO. FOR INFORMATION <b>(716) 631-0100</b>
<b>CLARENCE, NEW YORK 14031</b>	DATE PREPARED <b>3/23/00</b>
	SIGNATURE OF PREPARER (optional)

## SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS (Specific Chemical Identity; Common Name(s))	CAS #	ACGIH TLV	OTHER LIMITS RECOMMENDED	PERCENT 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%
(HMIS) Health - 1, Flammability - 1, Reactivity - 0				
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 and OSHA.				
Threshold Limit Value: 5 mg/m <sup>3</sup> for oil mist in air. OSHA Regulation 29 CFR 1910.1000				

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT > 550°F	SPECIFIC GRAVITY (H <sub>2</sub> O = 1) .94 - .95
VAPOR PRESSURE < .01 mm Hg	MELTING POINT N/A
VAPOR DENSITY (AIR = 1) > 5	EVAPORATION RATE (Butyl Acetate=1) < .01
SOLUBILITY IN WATER Negligible	PERCENT VOLATILE BY VOLUME (%) N/A
APPEARANCE AND ODOR Smooth, tan grease with mineral oil odor	IS MATERIAL: <input type="checkbox"/> LIQUID <input type="checkbox"/> SOLID <input checked="" type="checkbox"/> SEMI-SOLID <input type="checkbox"/> GAS <input type="checkbox"/> PASTE <input type="checkbox"/> POWDER

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used) <b>400°F (204°C) (COC)</b>	FLAMMABLE LIMITS	LEL <b>0.9%</b>	UEL <b>7.0%</b>
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 AND 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 V – REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	✓	N/A
INCOMPATIBILITY (materials to avoid) <b>Avoid contact with strong oxidizing agents such as liquid chlorine &amp; concentrated oxygen.</b>			
HAZARDOUS DECOMPOSITION PRODUCTS: N/A			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	✓	N/A

## SECTION VI – HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin Contact <input type="checkbox"/> Other (specify)			
HEALTH HAZARDS (Acute and Chronic) <b>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.</b>			
CARCINOGENICITY:	NTP? No	IARC MONOGRAPHS? No	OSHA REGULATED? No
SIGNS AND SYMPTOMS OF EXPOSURE N/A			
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE No specific information available			
EMERGENCY AND FIRST AID PROCEDURES <b>Eyes:</b> flush with clear water for 15 minutes or until irritation subsides. If irritation persists, consult a physician. <b>Skin:</b> remove any contaminated clothing and wash with soap and warm water. If injected by high pressure under skin, regardless of appearance or its size, contact a physician <b>IMMEDIATELY</b> . Delay may cause loss of affected part of the body. <b>Inhalation:</b> 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. <b>Ingestion:</b> if ingested, call physician immediately. Do not induce vomiting.			

## SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

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.
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 VIII – SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type) Normally not needed		
VENTILATION	LOCAL EXHAUST Used to capture fumes and vapors	SPECIAL N/A
	MECHANICAL (general) N/A	OTHER N/A
PROTECTIVE GLOVES (specify type) Oil impervious gloves, if needed, to avoid prolonged or repeated skin contact		EYE PROTECTION (specify type) If chance of eye contact, wear goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT Use oil-resistant apron if needed		
WORK/HYGIENIC PRACTICES Cleanse skin thoroughly after contact		

### ADDITIONAL INFORMATION:

OXIDIZING PROPERTIES	None
FAT SOLUBILITY	Will dissolve in very hot fat
PARTICIAN COEFFICIENT	Not determined
MISCIBILITY	Miscible in solvents
CONDUCTIVITY	Conductive only in a thin film
VISCOSITY	SUS @ 100°F = 750; CST @ 40°C = 135
PH	7