

MATERIAL SAFETY DATA SHEET

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I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: POLISHING OIL
HMIS Ratings:
NFPA Ratings:

Health: Moderate(2)
 Flammability: Extreme(4)
 Instability/Reactivity: Minimal(0)
 Personal Protective Equipment: A

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
HEPTANE	64742-49-0	10 - 20	400 PPM	400 PPM		NOT DETERMINED	
Notes							
METHYL TALLOWATE	68910-48-5		NOT DETERMINED	NOT DETERMINED		NOT DETERMINED	
Notes							
MINERAL OIL	8042-47-5		NOT DETERMINED	NOT DETERMINED		NOT DETERMINED	
Notes							
LIQUIFIED PETROLEUM	68476-86-8	1 - 5	800 PPM	NOT ESTABLISHED		NOT DETERMINED	
Notes							
Other:	UNIDENTIFIED INGREDIENTS ARE NOT CONSIDERED HAZARDOUS UNDER THE FEDERAL HAZARD COMMUNICATION STANDARD. COMPONENTS LISTED AS A SUSPECTED CARCINOGEN: NONE.						

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Signs and Symptoms of Exposure: EYE CONTACT MAY CAUSE MODERATE EYE IRRITATION.
 SKIN CONTACT MAY CAUSE MILD IRRITATION.
 PROLONGED OVEREXPOSURE MAY CAUSE HEADACHES, RESPIRATORY IRRITATION, DIZZINESS, DROWSINESS, AND OTHER CENTER NERVOUS SYSTEM EFFECTS.
 DO NOT INGEST. ASPIRATION HAZARD.

Medical Conditions Aggravated by Exposure: PRE-EXISTING SKIN, RESPIRATORY OR EYE DISORDERS MAY BE AGRAVATED FROM EXPOSURE TO THIS PRODUCT.

IV. FIRST AID MEASURES

Eyes: FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Skin: REMOVE CONTAMINATED CLOTHING. FLUSH SKIN WITH WATER. FOLLOW BY WASHING WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. DO NOT REUSE CLOTHING UNTIL CLEANED.

Ingestion: GET MEDICAL ATTENTION. DO NOT INDUCE VOMITING. ASPIRATION HAZARD. GET MEDICAL ATTENTION IMMEDIATELY.

Inhalation: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

Lower Flammability Limit: 1.8

Upper Flammability Limit: 9.5

Extinguishing Agents: CARBON DIOXIDE, FOAM AND/OR DRY CHEMICAL MAY BE USED.

Unusual Fire or Explosion Hazards: AT ELEVATED TEMPERATURES (OVER 54°C–130°F) CONTAINERS EXPOSED TO DIRECT FLAME OR HEAT CONTACT SHOULD BE COOLED WITH WATER TO PREVENT WEAKENING OF CONTAINER STRUCTURE. VAPORS CONCENTRATED IN A CONFINED OR POORLY VENTILATED AREA CAN BE IGNITED UPON CONTACT WITH A HIGH ENERGY SPARK, FLAME OR HIGH INTENSITY SOURCE OF HEAT.

Fire Fighting Procedures: CONTAINERS SHOULD BE COOLED WITH WATER TO PREVENT VAPOR PRESSURE BUILD UP. USE EQUIPMENT OR SHIELDING, AS REQUIRED, TO PROTECT PERSONNEL FROM BURSTING, RUPTURING OR VENTING CONTAINERS.

Other: AEROSOL FLAMMABILITY: THIS PRODUCT IS CONSIDERED TO BE EXTREMELY FLAMMABLE AS DESCRIBED IN 16CFR 1500.45.

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: REMOVE ALL SOURCES OF IGNITION AND VENTILATE AREA. SOAK UP SPILL WITH AN INERT ABSORBENT AND PLACE INTO A DESIGNATED DISPOSAL CONTAINER. CONSULT LOCAL REGULATORY AGENCY FOR PROPER DISPOSITION OF MATERIAL.

VII. HANDLING AND STORAGE

Other: AVOID BREATHING VAPOR. KEEP AWAY FROM HEAT AND FLAME. USE WITH ADEQUATE VENTILATION. DO NOT PUNCTURE OR INCINERATE CONTAINERS. DO NOT EXPOSE TO DIRECT SUNLIGHT OR STORE AT TEMPERATURES ABOVE 130°F (54°C). STORE AS LEVEL 3 AEROSOL (NFPA 30B). OTHER PRECAUTIONS: PLEASE READ AND FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL; THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE WAY, AND GIVE THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: CHEMICAL SAFETY GLASSES ARE RECOMMENDED.

Skin: PROTECTIVE GLOVES: OPTIONAL: CHEMICAL RESISTANT GLOVES. OTHER PROTECTIVE CLOTHING OR EQUIPMENT: WEAR IMPERVIOUS CLOTHING TO PREVENT SKIN CONTACT.

Respiratory: NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED. IF EXPOSURE EXCEEDS OCCUPATIONAL EXPOSURE LIMITS (SEC.II), USE A NIOSH APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE.

Engineering: VENTILATION: LOCAL EXHAUST IS ADEQUATE UNDER NORMAL CONDITIONS, MECHANICAL VENTILATION IS OPTIONAL.

Other: WORK/HYGIENIC PRACTICES: ENSURE STRICT SANITARY CONDITIONS ARE CONFORMED TO WHEN WORKING AROUND CHEMICALS. PROTECTIVE CLOTHING AND EQUIPMENT SHOULD BE IN ACCORDANCE WITH 29 CFR 1910.132 AND CFR 1910.133.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: CLOUDY, COLORLESS LIQUID
Boiling Point: N/A
Solubility in Water: NEGLIGIBLE
Specific Gravity: <1.0
Vapor Pressure: 108 @ 130°F
Vapor Density: >1
Volatile Content: EVAPORATION RATE (ETHER = 1): <1

X. STABILITY AND REACTIVITY

Stability: STABLE

Hazardous Polymerization: N/A

Incompatible Products: STRONG OXIDIZING AGENTS

Conditions To Avoid: DO NOT STORE ABOVE 54°C–130°F. KEEP AWAY FROM HEAT, DIRECT SUNLIGHT, OPEN FLAMES OR SPARKS. DROPPING OF CONTAINERS MAY CAUSE BURSTING.

XI. TOXICOLOGICAL INFORMATION

XII. ECOLOGICAL INFORMATION

Ecotoxicity:

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: DO NOT PUNCTURE OR INCINERATE CONTAINERS. WHEN CONTENTS ARE DEPLETED CONTINUE TO DEPRESS BUTTON UNTIL ALL GAS IS EXPELLED. DISPOSE OF CONTAINER IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: CONSUMER COMMODITY
D.O.T. Hazard Class: ORM-D

XV. REGULATORY INFORMATION

TSCA Status: INGREDIENTS OF THIS PRODUCT ARE LISTED ON THE EPA/TSCA INVENTORY OF CHEMICAL SUBSTANCES.

**Supplemental State
Compliance Information:**

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.