

**Material Safety Data Sheet
Oster Superior Threading Oil - "OSTO"**

SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufacturer: Oster Manufacturing Co.	MSDS Number: Not Applicable
Address: 1535 N. Hickory Owosso, MI 48867	CAS Number: Mixture
Phone Number (for information): (989) 729 1160	Date Prepared: 4/25/2013
Phone Number (for emergency): (989) 729 1160	Prepared by: Environmental Department
Intended Product Use: Cutting Oil	

SECTION II - COMPOSITION, INFORMATION OR INGREDIENTS

HAZARDOUS INGREDIENTS	%	OSHA PEL	AGGIH TLV	OTHER LIMITS
COMPONENTS - Chemical Name & Common Names (Required hazardous components > 1%, carcinogens > 1%)				
NON-HAZARDOUS INGREDIENTS				
Reclaimed Mineral Oil	85%	5 mg/m ³ (oil mist)	5 mg/m ³ (oil mist)	STEL: 10mg/m ³ (oil mist)
Lard Oil	0-5%	Not Established	Not Established	
Chlorinated Paraffin	0-5%	Not Established	Not Established	
Sulfurized Hydrocarbon	0-5%	Not Established	Not Established	
TOTAL	100%			

SECTION III - HAZARD IDENTIFICATION

ROUTE OF ENTRY	EFFECT OF OVEREXPOSURE
Eye Contact	May cause irritation.
Inhalation	May cause irritation of mucous membranes. Liquid aspirated into lungs may cause chemical pneumonitis.
Ingestion	May cause irritation of mucous membranes.
Skin Absorption	Prolonged exposure may cause mild irritation & dermatitis.

SECTION IV - FIRST AID MEASURES

ROUTE OF ENTRY	EFFECT OF OVEREXPOSURE
Eye Contact	Flush immediately with water for at least 15 minutes.
Inhalation	Remove victim to fresh air.
Ingestion	Do not induce vomiting. Seek medical attention.
Skin Absorption	Wash well with soap and water.

SECTION V - FIRE-FIGHTING MEASURES

EXTINGUISHER MEDIA	SPECIAL FIRE FIGHTING PRECAUTIONS
Dry Chemical Foam CO ₂ Halon	Eliminate all ignition sources. Avoid inhalation of mists and wear self-contained breathing apparatus.

SECTION VI - ACCIDENTAL RELEASE MEASURES

MATERIAL RELEASE OR SPILL MEASURES	Eliminate all ignition sources. Contain spill with absorbent material or earthen dike. Advise authorities if material has entered sewers, water sources or extensive land areas.
---	--

SECTION VII - HANDLING AND STORAGE

HANDLING	Keep away from ignition sources and strong oxidizing agents. Avoid extreme heat and contact with open flame.
STORAGE	Keep container tightly closed. Keep container in a cool, well ventilated area.

SECTION VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT	EXPOSURE CONTROL
Wear safety glasses, wear oil impervious gloves.	Permissible exposure limit for oil mist is 5 mg/m ³ . Use NIOSH approved respiratory protection in areas of excessive mist. Use local and mechanical exhaust as necessary to control mist.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	>500°F	Specific Gravity (H₂O = 1)	0.87 - 0.90
Vapor Pressure (mm HG and Temperature)	<0.01mm HG at 70°F	Melting Point	DOES NOT APPLY
Vapor Density (Air = 1)	>1.0	Evaporation Rate (Butyl Acetate = 1)	0 at ambient temperature
Solubility in Water	INSOLUBLE IN WATER	Water Reactive	NOT REACTIVE IN WATER
Appearance and Odor	DARK AMBER LIQUID, MILD PETROLEUM ODOR	Flash Point and Method Used	300°F Min (Cleveland Open Cup)
Auto-Ignition Temperature	>500°F	Flammability Limits in Air by % Volume	NON-FLAMMABLE
LEL	Not Applicable	UEL	Not Applicable

SECTION X - STABILITY

Stability	Stable		
Incompatibility (Materials to avoid)	Strong Oxidizing Agents		
Conditions to Avoid	Extreme heat and open flame		
Hazardous Decomposition Products	May form Carbon Monoxide as a result of incomplete combustion. Carbon Dioxide and oxides of sulfur may form during combustion.		
Hazardous Polymerization	Will Occur:	Will Not Occur: X	

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Data	Acute exposures to mineral oil mists may result in eye, skin, or upper respiratory tract irritation, headaches, dizziness, drowsiness, or the respiratory distress associated with chemical pneumonia. Aspiration may result in fever, rapid heartbeat, or cyanosis.
Chronic Exposure	Chronic exposures to mineral oil mists may result in skin irritation or dermatitis, shortness of breath, coughing, wheezing, or tachypnea.
Carcinogenicity	None known.
Target Organ Effects	None known.
Reproductive Effects	None known.

SECTION XII - ECOLOGICAL INFORMATION

Environmental Fate	Environmental Toxicity
No information found.	No information found.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method	For best disposal options, call Oster at (800) 416 7837. Dispose of absorbent material with federal, state and local regulations.
------------------------------	---

SECTION XIV - TRANSPORT INFORMATION

Hazardous Materials Description	None
Hazard Class	None
Identification Number	None

SECTION XV - REGULATORY INFORMATION

RCRA	Not a RCRA regulated material.
TSCA	TSCA 8(b) inventory.
CERCLA	Mineral spirits that are distilled from petroleum are considered petroleum for the purpose of CERCLA section 101(14) and, therefore, are excluded from the definition of hazardous substance.
SARA Title III	Mineral oil mist is not subject to EPA emergency planning requirements under the Superfund Amendments and Reauthorization Act (SARA) (Title III)

SECTION XVI - OTHER INFORMATION

Other Information	A worker who handles mineral oil should thoroughly wash hands, forearms, and face with soap and water before eating, using tobacco products, using toilet facilities, applying cosmetics, or taking medication.
Disclaimer	The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Oster Manufacturing Co./Superior Threading Inc. be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Oster Manufacturing Co./Superior Threading Inc. has been advised of the possibility of such damages.