

# MATERIAL SAFETY DATA SHEET

Mineral Oil (Shell Ondina®)

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Mineral Oil (Shell Ondina®)  
Product Code: 120-003  
Material Uses:  
Manufacturer: OFI Testing Equipment, Inc.  
11302 Steeplecrest Drive  
Houston, TX 77065 USA  
Phone: (832) 320-7300  
Fax: (713) 880-9886  
Entry Date : 5/5/2010  
Print Date: 7/28/2010  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	0			
Flammability:	1			
Reactivity:	0			
Hazard Rating:				
Least	Slight	Moderate	High	Extreme
0	1	2	3	4
NA = Not Applicable		NE = Not Established		

## SECTION 2 HAZARD IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

Emergency Overview: May be harmful or fatal if swallowed. Do not induce vomiting. May cause aspiration pneumonitis.  
No known physical hazards.No significant adverse health effects are expected to occur upon short-term exposure.

Inhalation:Inhalation of vapors (generated at high temperatures only) or oil mist may cause mild irritation of the nose, throat, and respiratory tract.

Ingestion:This material may be harmful or fatal if swallowed. Ingestion may result in vomiting; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis. Generally considered to have a low order of acute oral toxicity.

Skin: May cause slight irritation of the skin. If irritation occurs, a temporary burning sensation and minor redness and/or swelling may result. Other adverse effects not expected from brief skin contact.

Eye Contact: Lubricating oils are generally considered no more than minimally irritating to the eyes.

Signs and Symptoms: Irritation as noted above. Aspiration pneumonitis may be evidenced by coughing, labored breathing and cyanosis (bluish skin); in severe cases death may occur.

Aggravated Medical Conditions: Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product. For additional health information, refer to section 11.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Mineral Oil OndinaM Oil 22	CAS# 8042-47-5	100%	V/V	OSHA TWA 5 mg(mist)/m <sup>3</sup>

## SECTION 4 FIRST AID MEASURES

Mineral Oil (Shell Ondina®)

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

FIRST AID: SKIN: Wash exposed area with soap and water. If irritation persists, seek medical attention.

EYES: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. Seek Medical Aid. INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen

INGESTION: Give several glasses of milk or water. Vomiting may occur spontaneously, but DO NOT INDUCE! Never give anything by mouth to an unconscious person.

**SECTION 5 FIRE FIGHTING MEASURES**

Fire Extinguisher Type: Water spray, Carbon dioxide, dry chemical, powder, foam.  
Fire / Explosion Hazards: Negligible fire hazard when exposed to heat or flame  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Absorb spill with inert material, then place in a chemical waste container. Neutralize with a weak base.

Protective Measures: May burn although not readily ignitable. Wear appropriate personal protective equipment when cleaning up spills. Refer to Section 8.

Spill Management: FOR LARGE SPILLS: Remove with vacuum truck or pump to storage/salvage vessels.  
FOR SMALL SPILLS: Soak up residue with an absorbent such as clay, sand or other suitable material. Place in non-leaking container and seal tightly for proper disposal. Remove contaminated soil to remove contaminated trace residues. Dispose of in same manner as material.

Reporting: CERCLA: Product is covered by EPA's Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) petroleum exclusion. Releases to air, land, or water are not reportable under CERCLA (Superfund). CWA: This product is an oil as defined under Section 311 of EPA's Clean Water Act (CWA). Spills into or leading to surface waters that cause a sheen must be reported to the National Response Center, 1-800-424-8802.

**SECTION 7 HANDLING AND STORAGE**

Keep away from heat and flame. Do not get in eyes, on skin, on clothing. Use with adequate ventilation.

**SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: NIOSH/MSHA-approved respirator  
Ventilation  
Local Exhaust   
Mechanical   
Protective Gloves: Gloves to prevent exposure

Mineral Oil (Shell Ondina®)

Eye Protection:                      Splash Goggles

Other Protective Equipment:      Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	Information not available	Percent Volatile by Volume:	0
Boiling Point:	360°C	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Information not available
Solubility in Water:	Insoluble	Lower Flamm. Limit in Air	Information not available
Appearance /Odors:	Clear, colorless, odorless liquid	Upper Flamm. Limit in Air	Information not available
Flash Point:	229°C (420°F)		
Specific Gravity:	0.85		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability:                              Stable

Conditions to Avoid:                Temperature extremes

Materials to Avoid:                 Strong oxidizing agents

Hazardous Decomposition Products:      Oxides of carbon

Hazardous polymerization:      Will Not Occur

Conditions to Avoid:                None known

**SECTION 11 Toxicological Information**

Acute Toxicity  
TEST Result OSHA Classification Material Tested  
Dermal LD50 >5.0 mg/kg(Rabbit) Non-Toxic Based on components(s)  
Oral LD50 >2000 ml/kg(Rat) Non-Toxic Based on components(s)  
Carcinogenicity Classification  
Chemical Name NTP IARC ACGIH OSHA  
Machining / Textile Oil No Not Reviewed No No

**SECTION 12 Ecological Information**

Environmental Impact  
Summary: There is no ecological data available for this product. However, this product is an oil. It is persistent and does not readily biodegrade. However, it does not bioaccumulate.

**SECTION 13 Disposal Considerations**

RCRA Information: Under RCRA, it is the responsibility of the user of the material to determine, at the time of the

Mineral Oil (Shell Ondina®)

disposal, whether the material meets RCRA criteria for hazardous waste. This is because material uses, transformations, mixtures, processes, etc. may affect the classification. Refer to the latest EPA, state and local regulations regarding proper disposal

**SECTION 14 Transport Information**

DOT Classification: Not Regulated

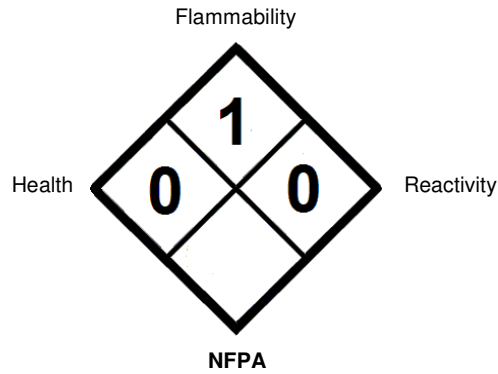
DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

**SECTION 15 Regulatory Information**

Federal Regulatory Status  
OSHA Classification:  
Product is hazardous according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200, because it carries the occupational exposure limit for mineral oil mist.  
Ozone Depleting Substances (40 CFR 82 Clean Air Act):  
This material does not contain nor was it directly manufactured with any Class I or Class II ozone depleting substances.  
Superfund Amendment & Reauthorization Act (SARA) Title III:  
There are no components in this product on the SARA 302 list.  
SARA Hazard Categories (311/312):  
Immediate Health Delayed Health Fire Pressure Reactivity  
NO NO NO NO NO NO NO  
SARA Toxic Release Inventory (TRI) (313):  
There are no components in this product on the SARA 313 list. Toxic Substances Control Act (TSCA) Status: All component(s) of this material is(are) listed on the EPA/TSCA Inventory of Chemical Substances. Other Chemical Inventories: Australian AICS, Canadian DSL, Chinese Inventory, European EINECS, Japan ENCS, Korean Inventory, Philippines PICCS, State Regulation  
This material is not regulated by California Prop 65, New Jersey Right-to-Know Chemical List or Pennsylvania Right-To-Know Chemical List. However for details on your regulation requirements you should contact the appropriate agency in your state.

**SECTION 16 Additional Information**

Avoid prolonged or repeated contact with eyes, skin and clothing. Avoid breathing or vapors, fumes or mist. Do not take internally. Wash thoroughly after handling. This material may be harmful or fatal if swallowed. Ingestion may result in vomiting; aspiration (breathing) of vomitus into lungs must be avoided as even small quantities may result in aspiration pneumonitis. Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.



**Revisions**

7/26/2010	0.1	updated msds to 16 section from 10 section msds. STN
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The information herein is believed to be accurate and is offered in good faith for the user's consideration and investigation. No warranty either expressed or implied is made for the completeness or accuracy of the information whether originating from the above mentioned company or not. Users of this material should satisfy themselves by independent investigation of current scientific and medical knowledge that the material can be used safely.