

MATERIAL SAFETY DATA SHEET

Octyl Alcohol (Defoamer)

SECTION 1 . Product and Company Identification

Product Name and Synonym: Octyl Alcohol (Defoamer)
Product Code: 151-17
Material Uses:
Manufacturer: OFI Testing Equipment, Inc.
11302 Steeplecrest Drive
Houston, TX 77065 USA
Phone: (713) 880-9885
Fax: (713) 880-9886
Entry Date : 5/6/2010
Print Date: 7/28/2010
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

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

SECTION 2 HAZARD IDENTIFICATION

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Emergency Overview:Caution! May be harmful if swallowed or inhaled. Causes irritation to skin, eyes and respiratory tract. Affects central nervous system. Combustible liquid and vapor.

Inhalation:Inhalation of Vapors Irritates the Respiratory Tract. May Cause Coughing, Dizziness, Dullness, and Headache. Higher Concentrations can Produce Central Nervous Systems Depression, Narcosis, and Unconsciousness.

Ingestion:Large Oral Doses may Cause Irritation to the Gastrointestinal Tract.

Skin:A mild Skin Irritant which Causes Loss of Natural Oils. May be a Route of Absorption into the Body.

Eye ContactCauses Irritation, Redness, and Pain.

Chronic Exposure:No Information Found.

Aggravated by Exposure:No Information Found.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	2-Octanol (Capryl Alcohol)	CAS# 123-96-6	100%	V/V	

SECTION 4 FIRST AID MEASURES

Keep away from heat and ignition sources. Harmful if swallowed. Avoid breathing vapors. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

FIRST AID: SKIN: Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention

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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: Alcohol Resistant Foam, Carbon Dioxide
Fire / Explosion Hazards: Combustible. Material will burn in a fire.
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Eliminate Ignition Sources. Absorb with vermiculite or other inert material. Place in container. This material may be burned in a chemical incinerator equipped with an afterburner and scrubber.
Ventilate area or Leak or Spill. Remove all Sources of Ignition. Wear Appropriate Personal Protective Equipment as Specified in Section 8. Isolate Hazard Area. Keep Unnecessary and Unprotected Personnel from Entering. Contain and Recover Liquid when Possible. Use Non-Sparking Tools and Equipment. Collect Liquid in an Appropriate Container or Absorb with an Inert Material (e.g., Vermiculite, Dry Sand, Earth), and Place in a Chemical Waste Container. Do Not Use Combustible Materials, such as Saw Dust. Do Not Flush to Sewer! US Regulations (CERCLA) Require Reporting Spills and Releases to Soil, Water and Air in Excess of Reportable Quantities.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry well ventilated area. Keep away from heat and flame. Do not get in eyes, on skin, or on clothing.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator
Ventilation: Local Exhaust [] Mechanical [x]
Protective Gloves: NIOSH Approved Gloves
Eye Protection: Splash Goggles
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point: ~ -39° C (-38 °F) Percent Volatile by Volume: 100%
Boiling Point: 174-180 °C Evaporation Rate: not available

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	(345 - 356 °F)		
Vapor Pressure:	1 @ 33 °C (91 F)	Evaporation Standard	
Vapor Density:	4.5	Auto Ignition Temp	Information not available
Solubility in Water:	1120 mg/L	Lower Flamm. Limit in Air	Information not available
Appearance /Odors:	clear oily liquid/ aromatic odor	Upper Flamm. Limit in Air	Not available
Flash Point:	88 ° C (190 °F)		
Specific Gravity:	0.82 @ 20 C		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability:	Stable
Conditions to Avoid:	Heat, ignition sources and incompatibilities
Materials to Avoid:	Strong oxidizers
Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

SECTION 11 Toxicological Information

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category-None, Anticipated: No

SECTION 12 Ecological Information

Environmental Fate: When Released into the Soil, This Material is Expected to Readily Biodegrade. When Released into the Soil, This Material is Expected to Leach Into Groundwater. When Released into Water, This Material Is Expected to Readily Biodegrade. This Material is Not Expected to Significantly Bioaccumulate. This Material Has an Estimated Bioconcentration Factor (BCF) Of Less Than 100. When Released Into The Air, This Material May be Moderately Degraded By Reaction With Photochemically Produced Hydroxyl Radicals.

Environmental Toxicity: The LC50/96-hour Values for Fish are between 10 and 100 mg/l. This Material is Expected to be Slightly Toxic to Aquatic Life.

SECTION 13 Disposal Considerations

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 Transport Information

DOT Classification: Not Regulated

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

SECTION 15 Regulatory Information

Chemical Inventory Status –
 Part 1:Ingredient TSCA EC Japan Australia
 2-Octanol (123-96-6) Yes Yes Yes Yes

Chemical Inventory Status –
 Part 2:Ingredient Korea DSL NDSL Phil.
 2-Octanol (123-96-6) Yes Yes NO Yes

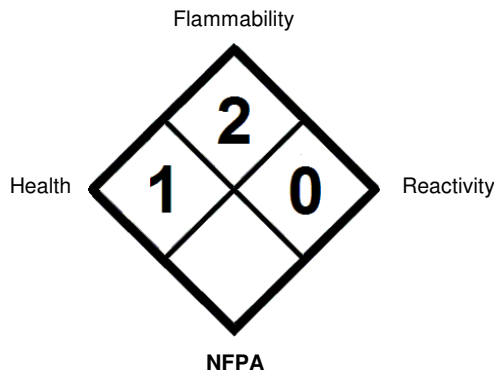
Federal, State & International Regulations –
 Part 1: Ingredient RQ TPQ List Chemical Catg.
 2-Octanol (123-96-6) NO NO NO NO

Federal, State & International Regulations –
 Part 2:Ingredient CERCLA 261.33 8(d)
 2-Octanol (123-96-6) No No NO

Chemical Weapons Convention: no
 TSCA 12 (b):No
 CDTA:No
 SARA 311/312: Acute: Yes Chronic: Yes
 Fire: Yes
 Pressure: No
 Reactivity: No
 Australian Hazchem NONE ALLOCATED
 Poison Schedule:NONE ALLOCATED

SECTION 16 Additional Information

Harmful if swallowed, inhaled or absorbed through the skin. Caution: Avoid contact and inhalation. Combustible liquid. Target organs: Affects central nervous system. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of skin contact flush with plenty of water. If irritation persists, call a physician. If swallowed give large amounts of water to drink. Contact physician immediately.



Revisions

7/28/2010	0.1	updated msds to 16 section from 10 section msds. STN
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