

MATERIAL SAFETY DATA SHEET

Wetting Agent

SECTION 1 . Product and Company Identification

Product Name and Synonym: Wetting Agent
Product Code: 280-01
Material Uses:
Manufacturer: OFI Testing Equipment, Inc.
11302 Steeplecrest Drive
Houston, TX 77065 USA
Phone: (713) 880-9885
Fax: (713) 880-9886
Entry Date : 5/12/2010
Print Date: 7/31/2010
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	1			
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

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

Emergency Overview: Warning! May cause skin irritation. May cause central nervous system depression. May cause respiratory and digestive tract irritation. May cause eye irritation.

Inhalation: May Cause Irritation. Overexposure may Cause Coughing, Shortness of Breath, Dizziness, Intoxication and Collapse.

Ingestion: May Cause Moderate Irritation of the Mouth, Throat, Esophagus and Stomach, with Abdominal and Chest Discomfort, Nausea, Vomiting, Diarrhea, Dizziness and Faintness.

Skin: May Cause Irritation to Skin. Symptoms Include Redness, Itching and Pain..

Eye Contact: Liquid Vapor, and Mist may Cause Discomfort in the Eye with Persistent Conjunctivitis, seen as Slight Excess Redness of Conjunctiva. Serious Corneal Injury is not Anticipated.

Chronic Exposure: Repeated or Prolonged Skin Contact may Cause Progressive Dermatitis and May Aggravate Pre-Existing Dermatitis. Repeated or Prolonged Exposure to Vapors may Aggravate Asthma and Other Respiratory Conditions. Overexposure may Cause In coordination or Movements, Speech Difficulties, Headache, Loss of Consciousness and Possible Liver and Kidney Damage.

Aggravated by Exposure: This Material or its Emissions may Affect the Central Nervous System (CNS) and/or Aggravate Pre-Existing CNS Disorders. Prolonged Observation may be Indicated.

SECTION 3 MIXTURE COMPONENTS

Wetting Agent

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	1,2-Propanediol (Propylene Glycol)	CAS# 57-55-6	20 - 30%	V/V	
<input type="checkbox"/>	Aerosol OT Solid	CAS#: 577-11-7	0.5 - 1%	W/V	1000 ppm OSHA TWA, 1250 ppm OSHA STEL
<input type="checkbox"/>	N-Propoxy Propanol Prop Glycol Propyl Ether	CAS#1569-01-3	10 - 20%	V/V	OSHA TWA 1000 ppm (2400 mg/m ³)
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	Balance	V/V	None Established

SECTION 4 FIRST AID MEASURES

May be harmful if swallowed. May cause irritation. Avoid breathing vapors, or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling.

FIRST AID: SKIN: Remove contaminated clothing. 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: Alcohol Resistant Foam or Carbon Dioxide, dry chemical.

Fire / Explosion Hazards: burning may release toxic oxides of sulfur.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

SECTION 6 ACCIDENTAL RELEASE MEASURES
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Absorb spill with inert material, then place in a chemical waste container. Dispose of in a manner consistent with federal, local law. Use nonsparking tools and equipment. Absorb with inert material as vermiculite, sand or earth.

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.

Wetting Agent

SECTION 7 HANDLING AND STORAGE

Store in a cool, dry, well-ventilated place away from incompatible materials. Wash thoroughly after handling. Do not expose to heat, sparks or open flames.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator
Ventilation
Local Exhaust
Mechanical
Protective Gloves: Wear appropriate gloves to prevent skin exposure
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:	Information not available
Boiling Point:	~ 212° F (100° C)	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	> 780° F (> 415° C)
Solubility in Water:	Insoluble	Lower Flamm. Limit in Air	Information not available
Appearance /Odors:	Clear liquid / Chlorinate solvent odor	Upper Flamm. Limit in Air	Information not available
Flash Point:	Information not available		
Specific Gravity:	Information not available		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: Heat and flames
Materials to Avoid: Strong acids, caustics, oxidizers.
Hazardous Decomposition Products: burning may produce toxic oxides of sulfur.
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

SECTION 11 Toxicological Information

Wetting Agent

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

SECTION 12 Ecological Information

Environmental Fate: When Released to the Soil and Water, this Material may Evaporate to Moderate Extent. When Released into the Soil, This Material may Leach into Groundwater. When Released into the Water, This Material is Expected to have a Half Life Between 1 and 10 Days.

Environmental Toxicity: No information available.

SECTION 13 Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste 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

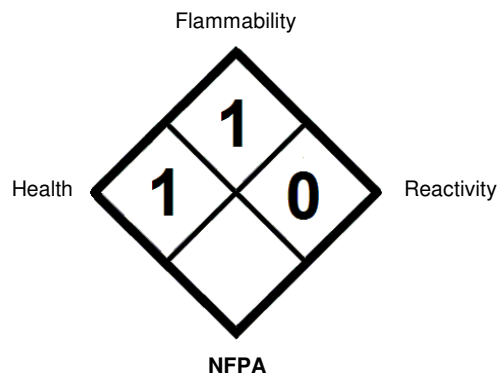
DOT Regulations may change from time to time. Please consult the most recent D.O.T. regulations.

SECTION 15 Regulatory Information

Components listed on the TSCA inventory.

SECTION 16 Additional Information

Warning! May cause skin irritation. May cause CNS depression. May cause respiratory and digestive tract irritation. May cause eye irritation. Conditions aggravated/Target organs: Preexisting skin, eye, or impaired respiratory conditions may be aggravated.



Revisions

Revisions	NFPA	
	0	
7/30/2010	0.1	updated msds to 16 section from 10 section msds. STN

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.