

MATERIAL SAFETY DATA SHEET

PARAFORMALDEHYDE TEST SOLUTION "A"

SECTION 1 . Product and Company Identification

Product Name and Synonym: PARAFORMALDEHYDE TEST SOLUTION "A"
Product Code: 145-301
Material Uses:
Manufacturer: OFI Testing Equipment, Inc.
11302 Steeplecrest Drive
Houston, TX 77065 USA
Phone: (713) 880-9885
Fax: (713) 880-9886
Entry Date : 5/5/2010
Print Date: 7/28/2010
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:Caution! May Cause Irritation To Skin, Eyes, And Respiratory Tract. May Affect Kidneys.

Inhalation: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.

Skin:Exposure to this Material can Result in Absorption Through Skin Causing a Significant Health Hazard.

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 in 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. This Material or its Emissions may Affect the Central Nervous System (CNS) and/or Aggravate

Aggravated by Exposure:Pre-Existing CNS Disorders. Prolonged Observation may be Indicated.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Glycerin (Glycerol)	CAS# 56-81-5	~75%	V/V	OSHA TWA 10 mg/m ³ (total dust)
<input type="checkbox"/>	N-Propoxy Propanol Prop Glycol Propyl Ether	CAS#1569-01-3	10 - 15%	V/V	OSHA TWA 1000 ppm (2400 mg/m ³)

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<input type="checkbox"/> o-Cresolphthalein	CAS# 596-27-0	<0.1%	W/V	TXDS: irp-rat LDLo: 500 mg/Kg
<input checked="" type="checkbox"/> Sodium Hydroxide	CAS# 1310-73-2	<0.1%	W/V	OSHA PEL 2 mg/m ³ ACGIH 2mg/m ³
<input type="checkbox"/> Water, Deionized ASTM Type II	CAS# 7732-18-5	12 - 14%	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: 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:	Carbon Dioxide, dry chemical powder or appropriate foam
Fire / Explosion Hazards:	Slight Flammability. Material must be heated before ignition will occur.
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. Dispose of in a manner consistent with federal, local law.

Ventilate area or Leak or Spill. Remove all Sources of Ignition. Wear Appropriate Personal Protective Equipment as Specified in Section 7. 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.

SECTION 7 HANDLING AND STORAGE

Store in a cool dry place. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:	None required
Ventilation	Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/>
Protective Gloves:	Wear appropriate gloves to prevent skin exposure

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Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	Not available	Percent Volatile by Volume:	Information not available
Boiling Point:	Not available	Evaporation Rate	Not Applicable
Vapor Pressure:	Not available	Evaporation Standard	
Vapor Density:	Not available	Auto Ignition Temp	not available
Solubility in Water:	Complete	Lower Flamm. Limit in Air	not available
Appearance /Odors:	Clear viscous liquid/little or no odor.	Upper Flamm. Limit in Air	Not applicable
Flash Point:	Not available		
Specific Gravity:	not available		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid excessive heat and open flames.

Materials to Avoid: Chlorine, fluorine, Oxidizers and Strong Acids.

Hazardous Decomposition Products: Thermal decomposition releases Acrolein, CO,CO2.

Hazardous polymerization: Will Not Occur

Conditions to Avoid: None known

SECTION 11 Toxicological Information

NTP Carcinogen - Known: No, IARC Category- None

SECTION 12 Ecological Information

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.

SECTION 13 Disposal Considerations

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 14 Transport Information

DOT Classification: Not Regulated

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

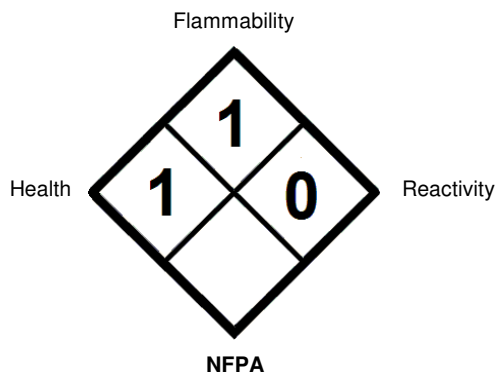
SECTION 15 Regulatory Information

The ingredients of this product are listed on the TSCA Inventory.

SECTION 16 Additional Information

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Conditions aggravated / target organs: Single dose oral toxicity is low. Ingestion of larger amounts may cause injury. Signs and symptoms of excessive exposure may be central nervous system effects and increased blood sugar levels. Person with preexisting conditions may be more susceptible.



Revisions

	0	
7/26/2010	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.