

MATERIAL SAFETY DATA SHEET

Paraformaldehyde Test Solution 'A'

SECTION 1 . Product and Company Identification

Product Name and Paraformaldehyde Test Solution 'A'

Product Code: 145-311

Material Uses: OFI Testing Equipment Inc.

Manufacturer: 11302 Steeplecrest Dr.

Houston, TX 77065

(877) 837-8683

Entry Date : 7/15/2013

Print Date: 7/15/2013

24 Hour Emergency Assistance : INFOTRAC USA - CANADA: 1-800-535-5053
INTERNATIONAL: 1-352-323-3500

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
	1,2-Propanediol (Propylene Glycol)	CAS# 57-55-6	30-	V/V	

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N-Propoxy Propanol Prop Glycol Propyl Ether	CAS#1569-	10 - 15%	V/V	OSHA TWA 1000 ppm (2400 mg/mf)
o-Cresolphthalein	CAS# 596-27-0	<0.1%	W/V	TXDS: irp-rat LDLo: 500 mg/Kg
Sodium Hydroxide	CAS# 1310- 73-2	<0.1%	W/V	OSHA PEL 2 mg/mf ACGIH 2mg/mf
Water, Deionized ASTM Type II	CAS# 7732- 18-5	balanc e%	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

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Ventilation

Local

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:	Not available	Percent Volatile by	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	Thermal decomposition releases Acreolin, CO,CO ₂ .
Products:	
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.

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SECTION 15

Regulatory Information

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

SECTION 16

Additional Information

Conditions aggravated / target organs: 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.

Harmful by inhalation, ingestion, skin absorption. May cause eye and skin irritation and central nervous system problems. May cause

GI disturbances, nausea, headache and vomiting. Target organs:

None. Persons with pre-existing disorders may be more susceptible.

Flammability

Health

Reactivity

Revisions

NFPA

0

7/26/2010

0.1

updated msds to 16 section from 10
section msds. STN

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