

# MATERIAL SAFETY DATA SHEET

IPA/Xylene 1:1

## SECTION 1 . Product and Company Identification

Product Name and Synonym: IPA/Xylene 1:1  
Product Code: 280-25-5  
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: 9/13/2010  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	2			
Flammability:	4			
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. May be harmful if swallowed. Avoid breathing vapor or dust. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

Emergency Overview: Warning! Flammable Liquid And Vapor. Harmful If Swallowed Or Inhaled. Causes Irritation To Eyes And Respiratory Tract. Affects Central Nervous System. May Be Harmful If Absorbed Through Skin. May Cause Irritation To Skin.

Inhalation: Inhalation of Vapors Irritates the Respiratory Tract. Exposure to High Concentrations has a Narcotic Effect, Producing Symptoms of Dizziness, Drowsiness, Headache, Staggering, Unconsciousness and Possibly Death.

Ingestion: Can Cause Drowsiness, Unconsciousness, and Death. Gastrointestinal Pain, Cramps, Nausea, Vomiting, and Diarrhea may also Result. The Single Lethal Dose for a Human Adult = About 250 mL (8 ounces).

Skin: May Cause Irritation with Redness and Pain. May be Absorbed Through the Skin with Possible Systemic Effects.

Eye Contact: Vapors Cause Eye Irritation. Splashes Cause Severe Irritation, Possible Corneal Burns and Eye Damage.

Chronic Exposure: Chronic Exposures may Cause Skin Effects.

Aggravated by Exposure: Persons with Pre-Existing Skin Disorders or Impaired Liver, Kidney, or Pulmonary Function may be More Susceptible to the Effects of this Agent.

## SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input checked="" type="checkbox"/>	Isopropyl Alcohol (2-propanol)	CAS# 67-63-0	50%	V/V	OSHA TWA 400 ppm, STEL 500 ppm

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Xylenes (Xylol) CAS# 1330-20-7 50% V/V OSHA TWA 100 ppm (435 mg/m<sup>3</sup>)

**SECTION 4 FIRST AID MEASURES**

Keep away from heat and ignition sources. May be harmful if swallowed. Avoid breathing vapor or dust. 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 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: If swallowed, induce vomiting immediately after giving two glasses of water. Never give anything by mouth to an unconscious person.

**SECTION 5 FIRE FIGHTING MEASURES**

Fire Extinguisher Type: Water spray, dry chemical, carbon dioxide, alcohol foam  
Fire / Explosion Hazards: Vapor may travel considerable distance to source of ignition and flash back.  
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

**SECTION 6 ACCIDENTAL RELEASE MEASURES**

Remove all sources of ignition. Ventilate area of leak or spill. Wear protective equipment. Clean up in a manner that doesn't disperse dust.  
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**

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 skin exposure as rubber or vinyl  
Eye Protection: Goggles and Face Shield

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:	> 99%
Boiling Point:	Information not available	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	~ 3	Auto Ignition Temp	Information not available
Solubility in Water:	Information not available	Lower Flamm. Limit in Air	~ 1
Appearance /Odors:	Clear, colorless to red liquid with solvent odor	Upper Flamm. Limit in Air	~ 8
Flash Point:	Information not available		
Specific Gravity:	~ 0.84		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability:	Stable
Conditions to Avoid:	Avoid contact with heat, sparks, flames, or other sources of ignition.
Materials to Avoid:	Oxidizing materials
Hazardous Decomposition Products:	Oxides of carbon, acrid fumes
Hazardous polymerization:	Will Not Occur
Conditions to Avoid:	None known

**SECTION 11 Toxicological Information**

Carcinogenic References: NTP Carcinogen - Known: No, IARC Category- 3

**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.

**SECTION 13 Disposal Considerations**

Handling and Storage: Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in 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**

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DOT Classification: Flammable liquids, n.o.s. (Xylene and Isopropyl Alcohol), 3, UN1993, PG II

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  
Isopropyl Alcohol (67-63-0)  
p-Xylene (106-42-3)  
TSCA Yes YES  
EC Yes YES  
Japan YES YES  
Australia Yes YES

Chemical Inventory Status –  
Part 2:Ingredient  
Isopropyl Alcohol (67-63-0)  
p-Xylene (106-42-3)  
Korea Yes YES  
DSL Yes YES  
NDSL No NO  
Phil. Yes YES

Federal, State & International Regulations –  
Part 1: Ingredient.  
Isopropyl Alcohol (67-63-0)  
p-Xylene (106-42-3)  
RQ No NO  
TPQ No NO  
List YES YES  
Chemical Catg No NO

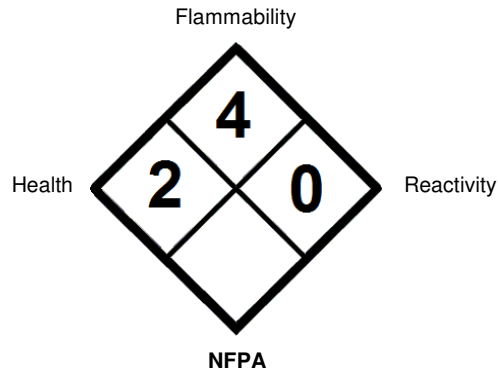
Federal, State &  
International Regulations –  
Part 2:Ingredient  
Isopropyl Alcohol (67-63-0)  
p-Xylene (106-42-3)  
CERCLA NO 100  
261.33 No NO  
8(d) NO YES

Chemical Weapons Convention: No

CDTA:NO MIXTURE/LIQUID  
SARA 311/312: Acute:YES  
Chronic: YES  
Fire: YES  
Pressure: No  
Reactivity: No

**SECTION 16 Additional Information**

Effects of overexposure, Acute and Chronic: Irritation of eyes, nose and throat. Reversible eye damage, dermatitis, chemical pneumonia, central nervous system depression. Conditions aggravated: Persons with pre-existing eye, skin or respiratory conditions may be more susceptible. Target organs: Liver and kidneys.

**Revisions**

6/22/2010	0.1	updated msds to 16 section from 10 section msds. STN
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