

# MATERIAL SAFETY DATA SHEET

Neutralization Number

## SECTION 1 . Product and Company Identification

Product Name and Synonym: Neutralization Number  
Product Code: 6520  
Material Uses:  
Manufacturer: Science Stuff  
1104 Newport Ave  
Austin, TX 78753  
(512) 837-6020  
Entry Date : 6/12/2013  
Print Date: 6/12/2013  
24 Hour Emergency Assistance : Chemtrec 800-424-9300  
Canutec 613-996-6666

Health:	2
Flammability:	3
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.

## 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	Balance	V/V	OSHA TWA 400 ppm, STEL 500 ppm
<input checked="" type="checkbox"/>	Toluene	CAS# 108-88-3	50%	V/V	OSHA TWA 200 ppm
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	0.5%	V/V	None Established

## 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 symptoms persist, 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: Water spray, dry chemical, carbon

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Fire / Explosion Hazards: dioxide, alcohol foam  
Vapor may travel considerable distance to source of ignition and flash back. Run-off to sewer may create a fire/explosion hazard.

Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing. Use water spray to cool exposed containers.

**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.

**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

Protective Gloves: Solvent resistant gloves

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	<-100°C	Percent Volatile by Volume:	100%
Boiling Point:	Information not available	Evaporation Rate	N/E
Vapor Pressure:	>20mm Hg @ 70°F	Evaporation Standard	Not Applicable
Vapor Density:	>1	Auto Ignition Temp	>700°F
Solubility in Water:	Miscible	Lower Flamm. Limit in Air	~1%
Appearance /Odors:	Colorless liquid with strong alcohol/aromatic odor	Upper Flamm. Limit in Air	~10%
Flash Point:	<10°C		
Specific Gravity:	<1.0		

**SECTION 10 STABILITY AND REACTIVITY INFORMATION**

Stability: Stable

Conditions to Avoid: Avoid contact with heat, sparks, flames, or other sources of ignition.

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Materials to Avoid: Aluminum, ketones, strong oxidizers, strong acids  
Hazardous Decomposition Products: Toxic fumes of: Carbon Monoxide, Carbon Dioxide  
Hazardous polymerization: Will Not Occur  
Conditions to Avoid: None known

**SECTION 11 Toxicological Information**

**SECTION 12 Ecological Information**

**SECTION 13 Disposal Considerations**

**SECTION 14 Transport Information**

DOT Classification: UN1993, Flammable Liquid, n.o.s. (Toluene, Isopropanol) 3, PGII

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

**SECTION 15 Regulatory Information**

**SECTION 16 Additional Information**

Flammable! Toxic! Suspect Carcinogen! Conditions aggravated/target organs: Persons with preexisting skin, eye, respiratory, pumonary, liver or kidney disorders may be more susceptible. Acute: Irritation to eyes, skin, respiratory and GI tracts. CNS depression, headache, nausea, vomiting, coma, death. Chronic: Dermatitis, eye damage, liver and kidney damage. Memory loss and other CNS effects.

Flammability

Health

Reactivity

Revisions

NFPA

0.2

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