

MATERIAL SAFETY DATA SHEET

Silica Standard 10.0 ppm Solution

SECTION 1 . Product and Company Identification

Product Name and Synonym: Silica Standard 10.0 ppm Solution

Product Code: 8191

Material Uses:

Manufacturer:

Science Stuff
1104 Newport Ave

Austin, TX 78753
(512) 837-6020

Entry Date : 6/18/2013

Print Date: 6/18/2013

24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	0
Flammability:	0
Reactivity:	0

Hazard Rating:
Least Slight Moderate High Extreme
0 1 2 3 4
NA=Not Applicable NE=Not Established

SECTION 2 HAZARD IDENTIFICATION

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

SECTION 3 MIXTURE COMPONENTS

SARA 313	Component	CAS Number	Percent Comp.	Dimension	Exposure Limits
<input type="checkbox"/>	Sodium Metasilicate	CAS#: 13517-24-3	<0.1%	W/W	
<input type="checkbox"/>	Water, Deionized ASTM Type II	CAS# 7732-18-5	99.953%	W/W	None Established

SECTION 4 FIRST AID MEASURES

Generally not hazardous in normal handling, however good laboratory practices should always be used. Avoid long term exposure to skin or by inhalation.

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

SECTION 5 FIRE FIGHTING MEASURES

Fire Extinguisher Type: Any means suitable for extinguishing surrounding fire

Fire / Explosion Hazards: None Known.

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

SECTION 6 ACCIDENTAL RELEASE MEASURES

Silica Standard 10.0 ppm Solution

Absorb spill with inert material. Flush excess down drain.

SECTION 7 HANDLING AND STORAGE

This Material is not considered hazardous. Handle using safe laboratory practices.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required
Ventilation
Local Exhaust
Mechanical
Protective Gloves: Gloves to prevent skin exposure as rubber or vinyl
Eye Protection: Splash Goggles
Other Protective Equipment: Use safe laboratory handling procedures.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	0°C	Percent Volatile by Volume:	>99
Boiling Point:	100°C	Evaporation Rate	1
Vapor Pressure:	Information not available	Evaporation Standard	Water =1
Vapor Density:	Information not available	Auto Ignition Temp	Not flammable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	Information not available
Appearance /Odors:	Clear, colorless, odorless liquid	Upper Flamm. Limit in Air	Information not available
Flash Point:	Information not available		
Specific Gravity:	1		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: Temperature extremes
Materials to Avoid: Concentrated Acids and Bases, Water reactive materials.
Hazardous Decomposition Products: Not known to occur
Hazardous polymerization: Will Not Occur
Conditions to Avoid: None known

SECTION 11 Toxicological Information

SECTION 12 Ecological Information

SECTION 13 Disposal Considerations

Silica Standard 10.0 ppm Solution

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

SECTION 16 Additional Information

Conditions aggravated/target organs: Persons with preexisting skin or eye conditions may be more susceptible. Health hazards acute/chronic: None reported. Note: Contact with glass containers or laboratory glassware may affect silica content.

Flammability

Health

Reactivity

Revisions

NFPA

0.2

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