

MATERIAL SAFETY DATA SHEET

Hydrazine Sulfate

SECTION 1 . Product and Company Identification

Product Name and Synonym: Hydrazine Sulfate
Product Code: H2038
Material Uses:
Manufacturer: Science Stuff
1104 Newport Ave
Austin, TX 78753
(512) 837-6020
Entry Date : 6/5/2013
Print Date: 6/5/2013
24 Hour Emergency Assistance : Chemtrec 800-424-9300
Canutec 613-996-6666

Health:	3
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

Causes severe irritation and burns. 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"/>	Hydrazine Sulfate	CAS# 10034-93-2	100 %	W/W	TXDS: orl-hmn TDL0: 201 mg/Kg /8D

SECTION 4 FIRST AID MEASURES

Causes severe irritation and burns. 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: CALL A PHYSICIAN. SKIN: In case of contact, immediately flush skin with water for at least 15 minutes while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse.

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, dry chemical
Fire / Explosion Hazards: Excessive heat
Fire Fighting Procedure: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and clothing.

Hydrazine Sulfate

SECTION 6 ACCIDENTAL RELEASE MEASURES

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal.

SECTION 7 HANDLING AND STORAGE

Store in cool, well ventilated area. Store away from oxidizers.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Cartridge respirator
Ventilation
Local Exhaust
Mechanical
Protective Gloves: Wear appropriate gloves to prevent skin exposure
Eye Protection: Safety goggles
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	254 Deg C	Percent Volatile by Volume:	0
Boiling Point:	Information not available	Evaporation Rate	0
Vapor Pressure:	55mm@25°c	Evaporation Standard	
Vapor Density:	>1	Auto Ignition Temp	Not applicable
Solubility in Water:	Soluble	Lower Flamm. Limit in Air	3.5%
Appearance /Odors:	White crystals	Upper Flamm. Limit in Air	99.99%
Flash Point:	Nonflammable		
Specific Gravity:	1.378		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable
Conditions to Avoid: Excessive heat
Materials to Avoid: Oxidizers
Hazardous Decomposition Products: None known
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

Hydrazine Sulfate

DOT Classification: Corrosive Solid, NOS (Hydrazine Sulfate), 8, UN1759, PG II

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

If skin contact occurs, wash with soap and water, get medical assistance for persistent dermatitis. If comes in contact with eyes flush with water for 15 minutes, seek medical assistance. If inhaled move to fres air and again seek medical assistance. If ingested get medical attention. Possible death or permanent injury after very short term exposure to small quantities. May cause dermatitis, chronic disorders, tumors, liver damage, and destruction of red blood cells. Persons with pre-existing disorders may be more susceptible.

Flammability

Health

Reactivity

Revisions

NFPA

1

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.