

MATERIAL SAFETY DATA SHEET

Chloramine - T Hydrate 98%

SECTION 1 . Product and Company Identification

Product Name and Synonym: Chloramine - T Hydrate 98%

Product Code: C3301

Material Uses:

Manufacturer:

Science Stuff
1104 Newport Ave

Austin, TX 78753
(512) 837-6020

Entry Date : 5/30/2013

Print Date: 5/30/2013

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

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

SECTION 2 HAZARD IDENTIFICATION

May cause irritation and burns. 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 type="checkbox"/>	Chloramine - T Hydrate 98%	CAS# 149358-73-6	100%	W/W	

SECTION 4 FIRST AID MEASURES

May cause irritation and burns. 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: 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, Carbon Dioxide, dry chemical, powder, or foam.

Fire / Explosion Hazards: Emits toxic fumes under fire conditions.

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

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SECTION 6 ACCIDENTAL RELEASE MEASURES

Sweep up and place in suitable (fiberboard) containers for reclamation or later disposal. Ventilate area and wash spill site after material pickup is complete

SECTION 7 HANDLING AND STORAGE

Do not breath dust. Do not get in eyes, on skin or on clothing. Avoid porlonged or repeated exposure. Keep tightly closed. Store in a cool dry place. Store under nitrogen. (Air sensitive)

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: NIOSH/MSHA-approved respirator.

Ventilation

Local Exhaust

Mechanical

Protective Gloves: Gloves to prevent exposure

Eye Protection: Splash Goggles

Other Protective Equipment: Wear appropriate clothing to prevent skin exposure

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Melting Point:	167 - 170° C	Percent Volatile by Volume:	Information not available
Boiling Point:	Information not available	Evaporation Rate	Information not available
Vapor Pressure:	Information not available	Evaporation Standard	
Vapor Density:	Information not available	Auto Ignition Temp	Not applicable
Solubility in Water:	slight	Lower Flamm. Limit in Air	Not applicable
Appearance /Odors:	white to yellow crystalline powder	Upper Flamm. Limit in Air	Not applicable
Flash Point:	Information not available		
Specific Gravity:	Information not available		

SECTION 10 STABILITY AND REACTIVITY INFORMATION

Stability: Stable

Conditions to Avoid: Avoid contact with acids, strong oxidizing agents, ammonia. May decompose violently if heated above 130° C

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Materials to Avoid: Acids, strong oxidizing agents, ammonia
Hazardous Decomposition Products: Oxides of carbon, hydrogen cl gas, SO
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: Corrosive solid, basic, organic, n.o.s.
(Chloramine-T Hydrate), 8, UN3263, 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

Causes skin burns on contact. May be harmful if absorbed through the skin. Causes eye burns. May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and uppre respiratory tract. Harmful if ingested. Target organs: Lungs, blood.

Flammability

Health

Reactivity

Revisions

NFPA

0.1

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