

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. Department of Labor

Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY

SANI BEA (130026)

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

D.O.T. Hazard Class.: Corrosive Material, 8

Manufacturer's Name Beaver Research Company	Emergency Telephone Number 1-800-255-3924 (Chem-Tel)
Address (Number, Street, City, State, and ZIP Code) 3700 E. Kilgore Road, Portage, MI 49002	Telephone Number For Information 269-382.0133
HMIS RATING: Health - 3; Flammability - 0; Reactivity - 0; Protection: C	Date Prepared 12/27/2002
	Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	TLV	STEL	Carcinogen Ref. Source	Percent
Hydrochloric Acid	5ppm		none	<10%

Section III – Physical/Chemical Characteristics

Boiling Point	210°F	Specific Gravity (H ₂ O = 1)	1.05
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Viscosity, Cp @ 25°C	A-4 (Gardner)
Solubility in Water Complete	pH: <1	VOC Content: 2%	

Appearance and Odor

Green, pleasant odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL N/A	UEL N/A
None			

Extinguishing Media

N/A (product is non-flammable)

Special Fire Fighting Procedures

Avoid skin and eye contact and breathing of acid vapors. Wear head and body protection and HCl respirator if exposure to liquid is likely.

Unusual Fire and Explosion Hazards

N/A

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid	None
	Stable	X		

Incompatibility (Materials to Avoid)

Strong alkalis, materials not resistant to strong acids, active metals (zinc, aluminum, magnesium, etc.)

Hazardous Decomposition or Byproducts

Hydrogen chloride vapors. Contact with active metals can release flammable gas.

Hazardous Polymerization	May Occur		Conditions to Avoid	N/A
	Will Not Occur	X		

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

Health Hazards (Acute and Chronic)

Inhalation: Irritant causing burning, choking, coughing, headache.**Eye Contact:** Irritation, severe burns & permanent damage including blindness.**Skin:** Burning, irritation, dermatitis.**Ingestion:** Unlikely route-causes severe burns to internal organs.**Chronic Effects:** None known.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
N/A	N/A	N/A	N/A

Signs and Symptoms of Exposure

N/A

Medical Conditions Generally Aggravated by Exposure

Skin, eye, mucous membrane irritation.

Emergency and First Aid Procedure

Eye Contact: Wash eyes for 15 minutes. Get immediate medical attention.**Skin Contact:** Remove contaminated clothing, wash skin with water for 15 minutes.**Inhalation:** Move to fresh air. Get medical attention.**Ingestion:** DO NOT INDUCE VOMITING. Drink 3 to 4 glasses of water. Get immediate medical attention.**Section VII - Precautions for Safe Handling and Use**

Steps to be Taken in Case Material is Released or Spilled

Contain fluid by diking. Neutralize with soda ash or baking soda.

Waste Disposal Method

Neutralize material may be washed down the sewer. Absorbed material to be boxed and disposed of in compliance with local, state, and federal regulations.

Precautions to be Taken in Handling and Storage

Store in closed labeled containers. Keep in cool, metal free area for not more than one year.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Do not store near strong alkalies or other reactive materials.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Approved self-contained breathing apparatus when use concentrations exceed 100ppm HCl vapors.

Ventilation	Local Exhaust	Yes	Special	N/A
	Mechanical(General)	N/A	Other	N/A

Protective Gloves

Neoprene

Eye Protection

Chemical goggles or face shield.

Other Protective Clothing or Equipment

Neoprene or PVC rain suit & boots in case of fire. Safety showers & eyewash stations should be available.

Work/Hygienic Practices

Wash hands after use. Do not eat, drink or smoke in immediate area.

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

**Chemical Listed as Carcinogen or Potential Carcinogen. [a]NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only.
Forms by WindowChem Software (707)864-0845