

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

SUPREME N.R. (QTS) (130035)

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

Manufactured For:

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 RATINGS:

4-Severe 1-Slight
3-Serious 0-Minimal
2-Moderate

Health: 3
Flammability: 0
Reactivity: 0
Protection: C

Date Prepared

07/07/03

Signature of Preparer (optional)

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical
Identity; Common Name(s))

CAS No.

TLV

Carcinogen
(OSHA, TP, IARC)

%
(optional)

Hydrochloric Acid

7647-01-0

5 ppm

no

24%

Section III - Physical/Chemical Characteristics

Boiling Point

180°F

Specific Gravity (H2O = 1)

1.1

Vapor Pressure (mm Hg)

39

Melting Point

N/A

Viscosity, Cp @ 25°C

A-5 Gardner

Evaporation Rate
(Butyl Acetate = 1)

N/A

Solubility in Water

Complete

pH

<1.0

Total VOC: None

Appearance and Odor

White emulsion with acid odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

None

Flammable Limits

LEL

N/A

UEL

N/A

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

Stable

X

Conditions to Avoid

N/A

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

May Occur

Polymerization

Will Not Occur

X

Conditions to Avoid

N/A

Section VI - Health Hazard Data

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

Health Hazards (Acute and Chronic)

Inhalation: Breathing of vapor can cause respiratory irritation and inflammation. Breathing of mist or liquid can cause burns. **Skin:** Corrosive. Causes irritation and burns. **Eyes:** Corrosive. Causes eye damage.

Ingestion: Corrosive. Causes irritation and burning in mouth, esophagus, throat and stomach.

Carcinogenicity:	NTP?	IARC Monographs?	OSHA Regulated?
	No	No	No

Signs and Symptoms of Exposure

See above "Health Hazards".

Medical Conditions Generally Aggravated by Exposure

None.

Emergency and First Aid Procedure

Inhalation: Remove to fresh air. Give artificial respiration or oxygen if needed. Get prompt medical attention. **Skin:** Remove contaminated clothing. Flush skin thoroughly with water for 15 minutes. Get medical attention if burns persist. **Eyes:** Flush immediately with water for 15 minutes. Get prompt medical attention.

Ingestion: Drink lots of water or, preferably, milk. Get medical attention if effects persist. Do not induce vomiting.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Small spills can be flushed into normal drainage or into ground with copious amounts of water, or taken up with absorbent material. Larger spills should be contained by diking or otherwise and held for collection and/or reuse, or for neutralization with alkali before collection and disposal. Personnel should use eyes and skin protection.

Waste Disposal Method

If neutralized, may be disposable in sewers if local regulations permit. Otherwise, send to licensed treatment and disposal facility. AS supplied, this product is a RCRA hazardous waste. EMPTY CONTAINERS: Rinse well before handling and disposal.

Precautions to be Taken in Handling and Storage

Check daily for any leaks from containers, vessels, pumps, and piping. Have water hoses and alkali (caustic soda, lime, etc.) convenient. Only use containers and equipment designed for acid service.

Other Precautions

Areas of use and storage should be ventilated adequately to reduce vapors below odor level.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

Wear approved HC1 vapor/mist respirator if exposure is likely.

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

Protective Gloves

Acid-resistant protective gloves.

Eye Protection

Splash proof goggles or face shield.

Other Protective Clothing or Equipment

Protective boots and clothing. Provide convenient safety showers and eyewash stations.

Work/Hygienic Practices

N/A

The information herein has been compiled from sources believed to be reliable and is accurate to the best of our knowledge. However, Beaver Research Company cannot give any guarantees regarding information from other sources, and expressly does not make any warranties, nor assumes any liability for its use.

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