



## 1 PRODUCT AND COMPANY IDENTIFICATION

### Manufacturer

NIC Industries, Inc  
7050 6th Street

White City, OR 97503

### Contact:

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## 2 HAZARDS IDENTIFICATION

**Route of Entry:** Eyes, Ingestion, Inhalation, Skin  
**Target Organs:** Central Nervous System, Kidneys, Liver  
**Inhalation:** May produce symptoms of central nervous system depression including headache, dizziness, nausea, loss of balance, and drowsiness  
**Skin Contact:** May be irritating  
**Eye Contact:** May be irritating  
**Ingestion:** Ingestion may cause damage to the lining of the gastrointestinal tract

HMIS II-ratings (scale 0-4): Health = 3, Fire = 3, Reactivity = 1  
HMIS® Rating H3/F3/PH1

WARNING: This product is a corrosive and flammable liquid. May cause severe eye irritation or eye burns. Causes skin burns with redness, pain, and swelling. May cause irritation of mucous membranes if vapor or mist is inhaled.

## 3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
98566	50-60%	Benzene, 1-chloro-4-(trifluoromethyl)-
14807966	2.6-7.7%	Talc (Mg3H2(SiO3)4)
	20-40%	Proprietary formulation



## V-Series

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### 4 FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If breathing stops, have trained person administer artificial respiration and seek medical attention immediately.

**Skin Contact:** Wash thoroughly with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash all clothing before re-use. If irritation persists, seek medical attention.

**Eye Contact:** Immediately flush with water for at least 15 minutes. If irritation persists, seek medical attention.

**Ingestion:** Do not induce vomiting. Seek medical attention immediately.

### 5 FIRE FIGHTING MEASURES

**Flash Point:** 100  
**Flash Point Method:** Closed Cup  
**Burning Rate:** Not available  
**Autoignition Temperature:** Not available  
**LEL:** Not available  
**UEL:** Not available  
**Flammability Classification:** Flammable

**Extinguishing Media:**

Carbon dioxide, dry chemical powder, or appropriate foam.

**Fire Fighting Procedures:**

Evacuate all unnecessary personnel. Shut down motors, pumps, electrical service, and eliminate sources of ignition. Use water spray to cool containers and avoid pressure build-up. Wear self-contained breathing apparatus and full protective clothing.

**Fire and Explosion Hazard:**

Container explosion may occur under fire conditions.

May emit toxic fumes under fire conditions.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal Precautions:**

Evacuate all unnecessary personnel and eliminate all sources of ignition.

**Environmental Precautions:**

Contain liquids and prevent discharge into streams and sewers, control or stop the loss of volatile material to the atmosphere. Do not apply water to the spill. Spills should be reported, if required, to the appropriate local, state, or federal agencies.

**Small Spills:**

Cover with an inorganic absorbent, such as vermiculite, perlite, ground clay, or sand; sweep up, and dispose of appropriately. Clean contaminated area with soap and water.

**Large Spills:**

Dike to contain and pump into drums for disposal. Add vermiculite absorbent to remaining material (as above).



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### 7 HANDLING AND STORAGE

**Handling Precautions:** Flammable: Store in areas designated for flammable liquid storage (see NFPA requirements). Keep away from heat, sparks, and open flame. Keep tightly closed. Vent periodically to release head pressure.  
Do not eat, drink, or smoke in areas where this material is used.  
Do not get in eyes, clothing, or on skin.  
Ground all equipment  
Wash thoroughly with soap and water after handling.

**Storage Requirements:** Keep container properly closed and properly labeled.  
Store in a cool dry place designated for combustible liquid storage.  
Keep away from heat, sparks, and open flame.  
Vent periodically, if needed, to release head pressure.

### 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering Controls:** Adequate room ventilation plus local exhaust at points of emission to maintain fumes below exposure limits. Use of fume hoods or closed booths recommended when product is used in a manner that may generate mist or aerosol.

**Protective Equipment:** HMIS PP, C | Goggles, Gloves, Apron

**Exposure Guidelines/Other:** Avoid contact with eyes, skin, and clothing. Avoid breathing vapors, fumes, and mists. Avoid prolonged or repeated exposure. Wash thoroughly after handling, and before eating, drinking or smoking.

Completely isolate and thoroughly clean all equipment, piping or vessels with high flash non-polar solvents before beginning maintenance or repairs.

Normal laboratory protective clothing recommended, i.e. lab coat and/or apron, impervious gloves and safety glasses. If mists or aerosols are generated during handling, and engineering controls are not present to prevent exposure, wear chemical safety goggles and a respirator equipped with an organic vapor cartridge.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Color dependent on product number		
<b>Physical State:</b>	Liquid	<b>Boiling Point:</b>	N/A, material crosslinks w/ heat
<b>Odor:</b>	Strong ammonia odor	<b>Freezing/Melting Pt.:</b>	N/A
<b>pH:</b>	Unknown	<b>Solubility:</b>	Virtually Insoluble, reacts w/ water
<b>Vapor Pressure:</b>	Unknown	<b>Spec Grav./Density:</b>	1.020
<b>Vapor Density:</b>	Unknown		



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### 10 STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to avoid:</b>	High temperatures
<b>Materials to avoid (incompatibility):</b>	Reacts vigorously and exothermically with isocyanates. Material will react slowly with water and other protic solvents. This product may react with mineral acids, alkalies, and oxidizing agents. Caution should be taken when mixing this product with any of these materials.
<b>Hazardous Decomposition products:</b>	Carbon monoxide, carbon dioxide, silicon dioxide
<b>Hazardous Polymerization:</b>	Will not occur

### 11 TOXICOLOGICAL INFORMATION

#### Carcinogenicity Information:

Not listed as a carcinogen by NTP (National Toxicology Program); not regulated as a carcinogen by OSHA (Occupation Safety and Health Administration); not evaluated by IARC (International Agency for Research on Cancer)

#### Reported Human Effects:

No human studies have been conducted with this material. The use of recommended protective equipment should prevent any adverse effects.

#### Reported Animal Effects:

Oral LD50, rat: 200-2000 mg/kg

Skin irritation, rabbit; severe erythema with signs of necrosis after 1-hour exposure.

### 12 ECOLOGICAL INFORMATION

Avoid release to surface waters and waste treatment systems. This material may be hazardous to aquatic organisms.

### 13 DISPOSAL CONSIDERATIONS

Do not mix this product with aqueous or other protic waste streams. Incineration of combustible waste material in a permitted facility in accordance with the local, state, and federal regulations is the recommended disposal method.

### 14 TRANSPORT INFORMATION

DOT Class: Flammable Liquid (3) #3

#### US DOT:

Proper Shipping Name: Chlorobenzotrifluorides  
Hazard Class: 3  
UN Number: 2234  
Packing Group: III

#### IATA:

Proper Shipping Name: Chlorobenzotrifluorides  
Hazard Class: 3  
UN Number: 2234  
Packing Group: III  
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## 15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

\*Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (14807966 2.6-7.7%) MASS, OSHAWAC, PA, TXAIR

CERCLA: The proprietary portion of this formula does not contain any chemicals subject to reporting as a CERCLA Hazardous Substance

EU Labeling:

C: Corrosive  
F: Flammable

EU Risk and Safety Phrases:

R10: Flammable  
R35: Causes severe skin burns  
S16: Keep away from sources of ignition. No smoking.  
S23: Do not breathe gas/fumes/vapor/spray.  
S24/25/26: Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
S28: After contact with skin, wash immediately with plenty of water  
S37/39: wear suitable gloves and eye/face protection

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List  
OSHAWAC = OSHA Workplace Air Contaminants  
PA = PA Right-To-Know List of Hazardous Substances  
TXAIR = TX Air Contaminants with Health Effects Screening Level

## 16 OTHER INFORMATION

U.S. Federal Regulations:

OSHA Standard 29 CFR 1910.1200 requires that information be provided to employees regarding the hazards of chemicals by means of hazard communication program including labeling, material safety data sheets, training and access to written records. We request that you, and it is your legal duty to, make all information in this Material Safety Data Sheet available to all your employees.

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