



## Stainless Steel Solutions, LLC

<b>HMIS RATINGS:</b>	Health	1*
	Flammability	2
	Physical	1

### MATERIAL SAFETY DATA SHEET

**Experimental Product. Hazards may not be fully characterized or known. For use only by qualified technical personnel and under qualified supervision.**

#### SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

**PRODUCT NAME:** 607L-Stainless Steel Protector

**MANUFACTURER:**

Innovative Chemical Technologies, Inc.  
103 Walnut Grove Road  
Cartersville, GA 30120  
Telephone: 770-607-9340  
Fax: 770-607-9341

**DISTRIBUTOR:**

Stainless Steel Solutions, LLC  
3740 Prospect Ave #3  
West Palm Beach, FL 33404  
Telephone: 888-604-5586  
Fax: 888-370-3639

**EMERGENCIES:** Infotrac 800-535-5053 (International Emergencies 352-323-3500)

#### SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

<u>COMPONENTS</u>	<u>CAS NUMBER</u>	<u>%</u>
Benzene, 1-chloro-4-(trifluoromethyl)-	98-56-6	85-90
Acrylic polymers	Proprietary	5-10
Dipropylene glycol methyl ether	34590-94-8	2-5

Refer to Section 8 for Exposure Guidelines

#### SECTION 3 HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

**COMBUSTIBLE LIQUID** Vapors from this product may form an explosive mixture with air. Vapors can travel long distance to ignition source such as a spark or flame and cause a flash fire.

**CAUSES EYE IRRITATION**

**MAY BE HARMFUL IF SWALLOWED OR INHALED**

## IMMEDIATE HEALTH EFFECTS

**Eyes:** Direct contact may cause irritation, including stinging, tearing, redness, and swelling

**Skin:** Prolonged or repeated contact may cause irritation or de-fatting, leading to dryness.

**Inhalation:** Organic solvent vapor or mist inhalation may cause irritation of the nose, mouth, throat and lungs. Breathing large amounts of organic solvent vapors or mists may affect the central nervous system, causing headache, dizziness, nausea, confusion, loss of coordination, impaired judgment, or similar effects.

**Ingestion:** Swallowing large amounts of organic solvents may affect the central nervous system, causing effects similar to inhalation exposure.

**PRIMARY ROUTES OF ENTRY:** Eye or skin contact, vapor and mist inhalation, and ingestion.

**TARGET ORGAN EFFECTS:** Prolonged, repeated, or large exposures may affect liver and kidney function

**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** Repeated over exposure to organic solvents can cause an increased risk of birth defects.

**CARCINOGENIC INFORMATION:** None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA.

**LONG TERM EFFECTS:** Repeated over exposure to organic solvents can cause permanent damage to the central nervous system.

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## SECTION 4 FIRST AID MEASURES

**EYE CONTACT:** Immediately flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

**SKIN CONTACT:** Remove contaminated clothing. Wash well with soap and water. If irritation persists, or other symptoms develop, consult a physician.

**INHALATION:** Remove to fresh air. If respiratory irritation or breathing difficulty develops, give oxygen if available, and get immediate medical assistance. If breathing stops, give artificial respiration.

**INGESTION:** Do not induce vomiting. Aspiration hazard. Do not give any fluids to drink. Consult a physician or local Poison Control Center immediately.

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## SECTION 5 FIRE FIGHTING MEASURES

**FLASHPOINT (° Fahrenheit):** 109°F

**FLAMMABLE LIMITS:** LEL: 0.9% (v) Benzene, 1-chloro-4-(trifluoromethyl)-  
UEL: 10.5% (v) Benzene, 1-chloro-4-(trifluoromethyl)-

**AUTOIGNITION TEMPERATURE:** not known

**HAZARDOUS PRODUCTS OF DECOMPOSITION:** In case of fire or extreme heat, the following may be produced: oxides of carbon and toxic products such as hydrogen fluoride, carbonyl fluoride, and other fluorinated organic compounds. Smoke, vapors, and fumes may be harmful.

**EXTINGUISHING MEDIA:** Water spray, foam, dry chemical powder, or carbon dioxide. Avoid direct water streams that may spread spilled liquids.

**FIRE FIGHTING INSTRUCTIONS:** Evacuate and keep any non-responders away. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move non-burning containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool. Containers may rupture in extreme heat.

**NFPA RATINGS:** Health: 1, Flammability: 2, Reactivity: 1

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## SECTION 6 ACCIDENTAL RELEASE MEASURES

See section 8 for personal protective equipment.

**SMALL SPILL:** Eliminate any ignition sources and soak up material with an absorbent such as clay, sand, or other suitable material and dispose of properly. Use non-metallic or non-sparking tools.

**LARGE SPILL:** Eliminate any ignition sources and shut off source of leak if it is safe to do so. Evacuate and keep out any personnel not wearing proper protective equipment. Prevent liquid from entering sewers or waterways. Dike and contain spilled material. Remove with explosion-proof vacuum equipment or pump to storage/salvage containers. Soak up residue with an absorbent such as clay, sand, or other suitable material. Use non-metallic or non-sparking tools. Be aware of potential fire and explosion hazards due to vapor build-up in low-lying or enclosed areas.

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## SECTION 7 HANDLING AND STORAGE

**HANDLING:** Handle open containers with care and with adequate ventilation. Ground and/or bond containers and vessels when transferring product. Use non-sparking tools and explosion proof equipment. Do not handle near an open flame, heat, sparks, or other source of ignition. Wear appropriate personal protection gear (see Section 8).

**STORAGE:** Store containers closed in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect material from direct sunlight.

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## SECTION 8 PERSONAL PROTECTION & EXPOSURE CONTROLS

**EXPOSURE GUIDELINES:** None established

**EYE/FACE PROTECTION:** Wear safety glasses with side shields or goggles. A splash shield is recommended when splashing is possible.

**SKIN PROTECTION:** Prevent skin contact. Wear protective gloves. Wear impervious clothing and boots as necessary to protect from splashes.

**RESPIRATORY PROTECTION:** A NIOSH/MSHA approved respirator is advised in absence of proper environmental control. Engineering controls or administrative controls should be implemented to reduce exposure.

**ENGINEERING CONTROLS:** Provide sufficient mechanical ventilation (general and local exhaust) to maintain exposure below the level of overexposure from known, suspected or apparent adverse effects.

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## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear liquid with medicinal odor

**pH:** not applicable

**VAPOR PRESSURE:** Benzene, 1-chloro-4-(trifluoromethyl)-: 5.3 mm Hg @ 68°F / 20°C

**VAPOR DENSITY:** Heavier than air

**BOILING Range:** Benzene, 1-chloro-4-(trifluoromethyl)-: approximately 240-280 °F

**SOLUBILITY IN WATER:** unknown

**EVAPORATION RATE:** slower than water

**DENSITY:** approximately 1.3

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## SECTION 10 STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable.

**CONDITIONS TO AVOID:** Avoid contact with high heat.

**MATERIALS TO AVOID:** Strong oxidizers or reducing agents

**HAZARDOUS PRODUCTS OF DECOMPOSITION:** In case of fire or extreme heat, the following may be produced: oxides of carbon and toxic products such as hydrogen fluoride, carbonyl fluoride, and other fluorinated organic compounds. Smoke, vapors, and fumes may be harmful.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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## SECTION 11 TOXICOLOGICAL INFORMATION

**Acute Eye Toxicity:** Mixture has not been tested.

**Acute Skin Toxicity:** Mixture has not been tested.

**Acute Inhalation Toxicity:** Mixture has not been tested.

**Acute Oral Toxicity:** Mixture has not been tested.

**Subchronic:** Long term low doses are likely to produce symptoms similar to other organic solvents.

**Sensitization:** This mixture has not been tested. None of the components are known or suspected skin sensitizers.

**CARCINOGENITY:** None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA.

**TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS:** Occupational exposure to organic solvents during pregnancy is associated with an increased risk of fetal malformations, especially among women who reported symptoms associated with acute over-exposure.

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## SECTION 12 ECOLOGICAL INFORMATION

This mixture has not been tested.

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## SECTION 13 DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL INFORMATION:** If this product becomes a waste, it may meet one or several criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40CFR261, depending upon what it is mixed with. Dispose of in accordance with all applicable federal, state, and local regulations.

**RCRA INFORMATION:** If this material, as supplied, becomes a waste, it meets the definition of ignitable waste (D001) under 40CFR261.

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## SECTION 14 TRANSPORT INFORMATION

### US ground:

Proper Shipping Name: Combustible Liquid, N.O.S.

Technical name: (contains chlorobenzotrifluorides)

Hazard Class: Combustible Liquid

Identification Number: NA1993

Packing Group: III

Not regulated in containers of <119 gal.

### IATA, ICAO, IMO, IMDG information:

Proper Shipping Name: Chlorobenzotrifluorides solution

Hazard Class: 3

Identification Number: UN2234

Packing Group: III

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## SECTION 15 REGULATORY INFORMATION

### US FEDERAL REGULATIONS

**TSCA Information:** All components are listed or otherwise in compliance with TSCA notification requirements.

**CERCLA Reportable Quantities [40CFR302]:** Components with known CAS numbers listed as hazardous substances and subject to reporting: None

**SARA 302/304 [40CFR355]:** Components listed as extremely hazardous substances and known to be present at or above de minimus levels as specified in 40 CFR§355.13: None

<b>SARA 311/312 [40 CFR370]:</b>	Acute	Yes
	Chronic	Yes
	Fire	Yes
	Pressure	No
	Reactivity	No

**SARA 313 [40CFR372]:** Components listed as reportable and known to be present at or above de minimus levels as specified in 40 CFR§372.38(a): None

### STATE AND LOCAL REGULATIONS

**California Proposition 65:** Contains the following substances known by the State of California to cause cancer and/or reproductive harm: None

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## **SECTION 16 OTHER INFORMATION**

This information relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of this information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.

**End of MSDS**