

MATERIAL SAFETY DATA SHEET

Beltendorf

Product Name: 9130
Manufacturer's Name: ChemStation of Iowa
Address: 2125 Sunset Drive
Des Moines, IA, 50321
Telephone Number: (515) 280-3144
Emergency Telephone Number: CHEMTREC (800) 424-9300
Product Created: December 10, 1999

SECTION 2 - COMPOSITION

Chemical Name:	CAS No.:	PEL:	TLV:	Wt %:
*hydrochloric acid, solution	7647-01-0	5.0 ppm	7.50 mg/m ³	20-25
water	7732-18-5	none	none	q.s.

* Subject to the reporting requirements of SARA Title III, Section 313.

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: THIN LIQUID which is corrosive.
Eyes: Corrosive.
Skin: Corrosive.
Inhalation (respiratory tract): Corrosive.
Ingestion (gastrointestinal tract): Corrosive.
Chronic (Cancer) Effects: There is no known effect from chronic exposure to this product.
Teratology (Birth Defect) Information: Components are not known to cause birth defects in humans.

SECTION 4 - FIRST AID MEASURES

Eyes: Flush immediately with running water for fifteen minutes. See a physician if symptoms persist.
Skin: Flush with water immediately. See a physician if symptoms persist.
Inhalation (respiratory tract): Remove to fresh air. See a physician if symptoms persist.
Ingestion (gastrointestinal tract): Dilute stomach contents with water, if conscious. See a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point: >200 degrees F PMCC (non-flammable)
Flammable Limits: None
Autoignition Temperature: None
Extinguishing Media: Product is non-combustible. Water, foam, carbon dioxide or dry chemical may be used.
Special Fire Fighting Procedures: Standard fire fighting procedures apply.
Unusual Fire and Explosion Hazards: Contact with aluminum and other soft metals can generate flammable hydrogen gas.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Action to Take for Spills and Leaks: Small spills should be mopped up. Large spills should be diked with inert absorbent. Material may be pumped back into container or neutralized for disposal.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with eyes. Avoid prolonged contact with skin. Do not ingest. Keep out of reach of children.
Storage: Store product in ambient temperature. Avoid freezing or high heat.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment:
Eye Protection: Eye and face shield.
Skin Protection: Latex, natural rubber, neoprene or nitrile gloves are recommended.
Respiratory Protection: Not normally required. If needed, such as in enclosed areas, use NIOSH-approved mask or respirator to maintain acceptable inhalation levels.
Other Protective Clothing or Equipment: Neoprene Apron.
Ventilation: Normal room air circulation.
For exposure control levels such as Threshold Limit Values (TLVs) or Permissible Exposure Limits (PELs) please refer to Section 2.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: THIN LIQUID
Vapor Pressure: Not Determined
Evaporation Rate (Bu0ac=1): 0.33
Solubility in Water: Complete
Melting Point: <32 deg F

Odor: Acidic
Vapor Density: Not Determined
Boiling Point: > 212 deg F
Specific Gravity: 1.120
pH: 0.1

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable.
Conditions to Avoid Avoid extremes in temperature.
Incompatibility: Strong reducers, alkalis.
Hazardous Decomposition or Byproducts: None.
Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGY INFORMATION

No toxicity studies have been conducted on this product.

SECTION 12 - ECOLOGICAL INFORMATION

9130 is fully biodegradable. No toxicity studies have been conducted on this product.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method: Dispose of in accordance with all applicable local, state, county and federal laws.

SECTION 14 - TRANSPORT INFORMATION

Shipping Name: Compound, Cleaning, Liquid, (Hydrochloric Acid)

Hazard Class: 8

ID No.: NA 1760

Packing Group: III

SECTION 15 - REGULATORY INFORMATION

All ingredients in 9130 are listed on the TSCA inventory.

SECTION 16 - OTHER INFORMATION**CHEMSTATION HAZARD IDENTIFICATION:**

Health: 3

0= no appreciable health hazard
1= skin irritant
2= hazardous ingredients <70%
3= hazardous ingredients >= 70%

Flammability: 0

0= flash point >200
1= 200 >= flash point >140
2= 140 >= flash point >100
3= flash point <= 100

Reactivity: 0

0-3 assigned on basis of reactivity of individual ingredients

The data in this material safety data sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical data we believe is reliable. Because actual conditions of use are outside our control, no warranties, expressed or implied, are made and we assume no liability in connection with any use of this information.

Every effort has been made to accurately assess the possible hazards associated with this product. We believe that the actual hazards encountered using our products are less severe than those represented by the concentrated raw materials used to make them.