

MATERIAL SAFETY DATA SHEET

Prepared pursuant to 29 CFR §1910.1200(g)

SECTION 1: PRODUCT INFORMATION

Product Name STAINSOLVE C RUST & METAL STAIN REMOVER (Product No. 213)
Manufacturer Crown Chemical, Inc. Address 4701 W. 136th Street Crestwood, IL 60445
Emergency Telephone Number (708) 371-6990 or (800) 535-5053 (24 hour)

SECTION 2: HAZARDOUS INGREDIENTS

Chemical Name (Common Name)	CAS No.	%*	OSHA PEL	ACGIH TLV	SARA Title III Designation**
Ammonium Bifluoride	5329-14-6		35ppm (STEL)	Same	No
Hydroxyacetic Acid	79-14-1		NE	NE	No

*Optional

**Subject to Reporting Requirements Under Section 313 of SARA Title III and 40 CFR Part 372. Upper Bound Percentage by Weight Provided.

Ingredients Listed as Carcinogens or Potential Carcinogens: None Listing Source: NTP IARC OSHA Animal Data

SECTION 3: PHYSICAL CHARACTERISTICS

Boiling Point >150 F Specific Gravity (H2O=1) >1 Vapor Density (Air = 1) >1 Vapor Pressure NE
pH (concentrate) <2.0 Solubility in Water 100% Evaporation Rate (H2O = 1) <1
Appearance and Odor Clear liquid with characteristic odor.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point (TCC) >200 F Flammable Limits NE Extinguishing Media NA Special Firefighting Procedures NA
Unusual Fire and Explosion Hazards None.

SECTION 5: REACTIVITY HAZARD DATA

Stability 100% Incompatibilities Alkalis, ammonia, halogens, metals.
Hazardous Polymerization Will not occur Hazardous Decomposition By-Products None

SECTION 6: HEALTH HAZARDS AND FIRST AID

Primary Exposure Routes: X Eye X Skin Inhalation Ingestion
Acute Effects IRRITANT. Contains acidic ingredients. Causes irritation and/or burns to eyes and skin. Dusts or vapors may cause irritation and/or burns to nasal passages and respiratory tract. Harmful or fatal if swallowed.
Chronic Effects Exposure may cause permanent damage to eyes and skin as well as potential bone damage.
Medical Conditions Aggravated by Exposure None known.
First Aid Procedures EYES: Flush immediately with copious amounts of water. Remove any contact lenses. Hold eyelid open and roll eyeball in all directions while flushing. Continue flushing for 15 minutes. Seek immediate medical attention. SKIN: Immediately flush affected area with large quantities of water. Continue flushing for 15 minutes. Seek immediate medical attention. INGESTION: Rinse out mouth, then drink large quantities of water. Do not induce vomiting. Seek immediate medical attention.

SECTION 7: CONTROL AND PROTECTIVE MEASURES

Respiratory Protection Vapor mask where needed to prevent inhalation of vapors. Protective Gloves Waterproof recommended.
Eye Protection Chemical splash goggles recommended. Do not wear contact lenses while handling this product.
Other Protective Clothing and Equipment Rubber boots, apron and a long-sleeved shirt as needed to prevent contact.
Hygienic Work Practices Avoid splashing. Never mix this product with other chemicals. Used with adequate ventilation.
Ventilation Local exhaust to keep exposure below any PEL and TLV limits listed above.

SECTION 8: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Followed if Spilled or Released Neutralize with water. Mop up, sweep up, or otherwise absorb. Hold for disposal.
Waste Disposal Methods Promptly dispose of empty containers by any method which complies with applicable laws.
Storage Requirements Keep out of reach of children. Store between 50-120 F.
Other Precautions or Special Hazards Wash contaminated clothing and shoes before reuse.

The information and recommendations contained herein are believed to be reliable, but are given without warranty or guarantee of any kind, express or implied. The hazards provided in this Material Safety Data Sheet apply to this product in its concentrated form, and may differ significantly after dilution.

Date Prepared: January 1, 2011

NIPCA Hazardous Material Identification System

HEALTH.....3
FLAMMABILITY.....0
REACTIVITY.....0
PROTECTIVE EQUIPMENT.....B (See Section 7)

0 = Least
1 = Slight
2 = Moderate
3 = High
4 = Severe
NA = Not Applicable
NE = Not Established