

# SAFETY DATA SHEET Pg. 1

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## SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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**Product Name: Mineral X**

**Product Use:** Iron & Mineral Cleaner

**Supplier: Core Products Co., Inc.**

**Address:** 401 Industrial Rd

Canton, TX 75103

**Telephone:** 800-825-2673

**Emergency: CHEMTREC: 800-424-9300**

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## SECTION 2 – HAZARDS IDENTIFICATION

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**Eye:** Causes burns to the eyes.

**Acute eye irritation/corrosion test:** This product was found to be Corrosive to the eyes when tested using the Modified Draize method (OECD Guidelines for Testing of Chemicals, Sec. 4-5, 1992.)

**Skin:** Prolonged or repeated contact can cause irritation.

**Non Corrosive to Skin:** *(as defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, DOT Hazardous Material Regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemicals, Number 404 "Acute Dermal Irritation/Corrosion.")*

**Ingestion:** This product may be harmful or fatal if ingested.

**Inhalation:** Not a likely route of exposure due to physical properties. Product has a low vapour pressure at room temperature and is not expected to present a significant inhalation hazard under ambient conditions. Product can be irritating to the respiratory tract if inhaled as a mist or if the material is vaporized.

**Chronic Effects:**

**Skin:** Prolonged or repeated exposure can cause drying, defatting, and dermatitis.

**Carcinogenicity:** Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP, or ACGIH.

**Teratogenicity, Mutagenicity, Reproductive Effects:** This product was found not to be mutagenic when tested by the Ames Assay, (OECD Guidelines for Testing of Chemicals, Sec. 471)

**Synergistic Materials:** Not available

**Potential Environmental Effects:** No data available

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## SECTION 3 – COMPOSITION, INFORMATION ON INGREDIENTS

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This product HAS been tested as a whole for flammability and combustibility and is COMBUSTIBLE as a whole as defined in 29 CFR 1910.1200.

INGREDIENTS:	CAS#	%	OSHA/PEL	ACGIH/TLV
Carbamide Hydrochloride	506-89-8	< 4%	Not Established	Not Established 5 ppm

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## SECTION 4 - FIRST AID MEASURES

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**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and seek medical attention.

**Skin:** Immediately flush with mild soap and water for 15 minutes. Seek medical attention if irritation develops. Remove contaminated clothing and launder before reuse.

**Eye:** Immediately flush with water for 15 minutes. Seek medical attention.

**Ingestion: Do not** induce vomiting. If conscious, give 3-4 glasses of water to dilute and get immediate medical care.

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### SECTION 5 - FIRE FIGHTING MEASURES

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**Flammability:** Not Flammable (aqueous solution)  
**Flash Point (°F, °C, PMCC):** does not ignite  
**Autoignition Temperature (°F, °C):** Not available  
**Flame Propagation or Burning Rate of Solid Materials:** Not applicable  
**Sensitivity to Static Discharge:** Not sensitive  
**Sensitivity to Mechanical Impact:** Not sensitive  
**Extinguishing Media:** Water fog, alcohol foam, and dry chemical.  
**Special Fire Fighting Procedures:** Not applicable  
**Unusual Fire and Explosion Hazards:** None

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### SECTION 6 – ACCIDENTAL RELEASE MEASURES

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**Leak and Spill Procedure:** Evacuate area. Ventilate area. Collect for disposal. Clean up remaining materials from spill with suitable absorbent. Small spills may be absorbed with non-reactive absorbent (sand) and placed in suitable, covered, labeled containers. For large spills provide diking or other appropriate containment to keep material from spreading. Prevent large spills from entering sewers or waterways. If diked material can be pumped, store recovered material in compatible drums for recovery or disposal. Observe all personal protection equipment recommendations

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### SECTION 7 – HANDLING AND STORAGE

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**Storage Requirements: Keep Out Of Reach Of Children.** Store in a cool, dry place away from incompatible materials. Do not store in metal containers, especially aluminum.

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### SECTION 8 – EXPOSURE CONTROLS, PERSONAL PROTECTION

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**Engineering Controls:** General ventilation usually adequate.  
**Respiratory protection:** Not normally required if good ventilation is maintained.  
**Eye protection:** use chemical safety glasses or full face shield.  
**Skin protection:** use impervious gloves.  
**Other protective clothing or equipment:** Eye bath, Safety Shower, Full protective clothing  
**Work Hygienic Practices:** The usual precaution for the handling of chemicals must be observed.

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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

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**Appearance:** clear amber liquid  
**Specific Gravity @ 20\_C:** 1.21  
**Vapor Pressure (mm Hg @20oC):** NA %  
**Volatile ( Wt %):** NA  
**Vapor Density (Air = 1):** NA  
**Evaporation Rate (Butyl Acetate = 1):** NA  
**Solubility in Water:** 100%  
**Freezing Point:** NA

**pH (as is):** 1.0-1.5

**Boiling Point, >212 F**

**Odor:** Mild odor

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## SECTION 10 – STABILITY AND REACTIVITY

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**Stability:** Stable up to 110· C / 230· F

**Conditions to Avoid:** none

**Incompatible Materials:** acids and oxidizing agents, contact with alkaline materials will generate heat.

**Hazardous Decomposition or By-Products:** Thermal decomposition may yield oxides of carbon

**Hazardous Polymerization:** Will not occur.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

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**Carcinogenicity:** Non-hazardous by WHMIS/OSHA criteria. Not listed by IARC, NTP, or ACGIH.

**Teratogenicity, Mutagenicity, Reproductive Effects:** This product was found not to be mutagenic when tested by the Ames Assay, (OECD Guidelines for Testing of Chemicals, Sec. 471)

**Synergistic Materials:** Not available

**Acute eye irritation/corrosion test:** This product was found to be Corrosive to the eyes when tested using the Modified Draize method (OECD Guidelines for Testing of Chemicals, Sec. 4-5, 1992.)

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## SECTION 12 – ECOLOGICAL INFORMATION

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**Ecotoxicity:** There is no test data on this product

**Environmental Fate:** There is no test data on this product

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## SECTION 13 – DISPOSAL CONSIDERATIONS

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Observe all federal, provincial or state and local government requirements prior to disposal.

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## SECTION 14 - TRANSPORT INFORMATION

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**U.S. Department of Transportation: Not Regulated**

Proper Shipping Name:

Hazard Class:

ID Number:

Packing Group:

**Canadian T.D.G.: Regulated Material**

Proper Shipping Name: Corrosive liquid, N.O.S.

Contains (urea monohydrochloride)

Hazard Class: 8

ID Number: UN 1760

Packing Group: III

**\*Note: This material is corrosive to Aluminum only. Non-Corrosive to Skin & Mild Steel**

**Water Transportation: Regulated Material**

Proper Shipping Name: Corrosive liquid, N.O.S.

Contains (urea monohydrochloride)

Hazard Class: 8  
ID Number: UN 1760  
Packing Group: III

**Air Transportation: Regulated Material**

Proper Shipping Name: Corrosive liquid, N.O.S.  
Contains (urea monohydrochloride)  
Hazard Class: 8  
ID Number: UN 1760  
Packing Group: III

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**SECTION 15 - REGULATORY INFORMATION**  
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**Occupational Health & Safety Regulations:**

**WHMIS Classification:** Class D - Division 2B,

Class E - Note: This material is corrosive to Aluminum only. Non-Corrosive to Skin & Mild Steel

**OSHA & WHMIS:** MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

**Environmental Regulatory Lists:**

**SARA:** Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – None of the ingredients are listed.

**Toxic Substances Control Act (TSCA):** All the ingredients are listed on the Chemical Substance Inventory

**Canadian Domestic Substance List (DSL):** All ingredients are listed.

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**SECTION 16 - OTHER INFORMATION**  
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Revision date: 1/1/2013

The manufacturer and seller warrant that the product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained hereinafter is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.

Footnotes:

NA-Not applicable NE-data not established CS-Cancer Suspect Agent OX-Oxidizer ND-No data Cor-Corrosive

CALC-Calculated EST-Estimated STEL-Short Time Exposure Limit TLV-Threshold limit Value PEL-Permissible Exposure

Limit TWA-Time Weighted Average, 8 hours HMIS, PPI-Hazardous Material Identification System, Personal Protection Index