

# MATERIAL SAFETY DATA SHEET

---

## SECTION ONE - GENERAL INFORMATION Date Revised : 11/10/2009

PRIMARY TRADE NAME:

**MINERAL-X**

GENERIC DESCRIPTION:

**Iron & Mineral Cleaner**

MANUFACTURER'S NAME AND ADDRESS:

**CORE PRODUCTS CO., INC  
401 INDUSTRIAL DR.  
CANTON, TX 75103**

**Health - 1  
Flammability - 0  
Reactivity - 0  
Special - 0**

EMERGENCY TELEPHONE NUMBER: **Chemtrec 1-800-825-2673**

TELEPHONE NUMBER FOR INFORMATION: **1-800-825-2673**

---

## SECTION TWO - HAZARDOUS INGREDIENTS/HEALTH HAZARD DATA

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

---

## SECTION THREE - PHYSICAL DATA

BOILING POINT (F): > 220

pH: 1.0-1.5

VAPOR PRESSURE (mm/Hg): ND

SP. GRAVITY (WATER=1) 1.01

VAPOR DENSITY (AIR=1): ND

SOLUBILITY IN WATER: Complete

EVAPORATION RATE (ETHYL ETHER=1) > 1

APPEARANCE AND ODOR: Clear, Clean.

---

## SECTION FOUR - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD):

AUTOIGNITION TEMPERATURE:

LEL:

UEL:

Not Applicable

Not Applicable

N/A

N/A

EXTINGUISHING MEDIA:

Use normal firefighting procedures, water spray, dry chemical, carbon dioxide, or chemical foam.

SPECIAL FIRE FIGHTING PROCEDURES:

As in any fire involving chemicals, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

During a fire thermal decomposition may release carbon dioxide, carbon monoxide, ammonia, cyanuric acid, nitrogen dioxide and elemental oxides.

---

## SECTION FIVE - HEALTH HAZARD DATA

CARCINOGENICITY: NTP: No IARC: No OSHA: No

PRIMARY ROUTE OF ENTRY: Eyes, Skin, Inhalation and Ingestion

SYMPTOMS OF HEAVY ACUTE AND/OR PROLONGED EXPOSURE:

Product contact with eyes will cause severe irritation. Prolonged or repeated exposure will irritate the skin. Inhalation of spray mist may irritate upper respiratory tract. Harmful if swallowed.

---

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Dermatitis and respiratory disorders.

**EMERGENCY FIRST AID:**

**EYES:** Flush with plenty of water while lifting eyelids for 15 minutes. If irritation persists, call a physician.

**SKIN:** Wash with soap and water. If irritation occurs, seek medical attention.

**INGESTION:** Do not induce vomiting; drink water to dilute, get immediate medical attention.

**INHALATION:** Remove to fresh air, if problem breathing, seek medical attention.

---

**SECTION SIX - REACTIVITY DATA**

STABILITY: Stable.

CONDITIONS TO AVOID: None

---

INCOMPATIBLE MATERIALS TO AVOID: Acids, Alkalines and oxidizers, such as bleach.

---

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

---

HAZARDOUS DECOMPOSITION: Carbon dioxide, carbon monoxide, ammonia, cyanuric acid, nitrogen dioxide and elemental oxides may form when heated to decomposition.

**SECTION SEVEN - ENVIRONMENTAL PROTECTION PROCEDURES**

**SPILL RESPONSE:**

Wear suitable protective equipment. Contain release by using an inert material such as sand or oil absorbent and/or eliminate the spill source, if this can be done without risk. Take up and containerize for proper disposal. Do not discharge into storm sewer.

WASTE DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.

---

**SECTION EIGHT - SPECIAL PROTECTION INFORMATION**

EYE PROTECTION: ANSI-approved Safety Glasses

SKIN PROTECTION: Rubber or vinyl gloves.

---

RESPIRATORY PROTECTION: Not normally required.

---

VENTILATION RECOMMENDATION: Local Exhaust: Not normally indicated. Special: Not necessary.

Mechanical: Not normally indicated. Other: Normal indoor ventilation.

---

OTHER PROTECTION: Long pants and sleeves. Consider an apron.

---

**SECTION NINE - SPECIAL PRECAUTIONS**

HANDLING AND STORAGE: KEEP OUT OF REACH OF CHILDREN

---

OTHER PRECAUTION: None.

---

**SECTION TEN - TRANSPORTATION INFORMATION:**

Consumer Commodity, ORM-D

---

**ENVIRONMENTAL NOTES:**

Carbamide Hydrochloride 506-89-8

SARA Title III: Not Listed

California Proposition 65: Not Listed

---

**DISCLAIMER OF LIABILITY**

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  
CALC-Calculated  
Limit

NE-data not established  
EST-Estimated

TWA-Time Weighted Average, 8 hours

CS-Cancer Suspect Agent  
STEL-Short Time Exposure Limit

HMIS, PPI-Hazardous Material Identification System, Personal Protection Index

OX-Oxidizer  
TLV-Threshold limit Value

ND-No data

Cor-Corrosive  
PEL-Permissible Exposure