



Products For a Clean and Safe Environment

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MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Hydrofluoric Acid Neutralizer

Distribution Location:

Chemtex, Inc.
1 Front Street
Cumberland RI 02864

Customer Service Telephone Number: 1-877-431-0200

Date Prepared: January 20, 2009

SECTION II: COMPOSITION

COMPONENT: Calcium Hydroxide
Magnesium Hydroxide
Alizarin

SECTION III: HAZARDS IDENTIFICATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATING:

HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0

SECTION IV: FIRST AID MEASURES

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN CONTACT: Remove contaminated clothing. Brush off excess powder with a dry towel. Wash affected area with plenty of soap and water for several minutes. If skin irritation develops or persists, seek medical attention.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

INGESTION: If swallowed, call a physician or poison control center immediately.

SECTION V: FIRE FIGHTING MEASURES

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
FIRE EXTINGUISHING MEDIA:	If the need exists; dry chemical, foam, or carbon dioxide can be used.
SPECIAL FIRE FIGHTING PROCEDURES:	For large fires or fires in confined areas, full emergency equipment with self-contained breathing apparatus and full protective clothing should be used. Thermal decomposition of this product may produce calcium oxide, which is highly caustic.

NOTE: This material is non-combustible as supplied.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Avoid breathing airborne dust. Avoid contact with skin or eyes.
If unused material is spilled, collect by sweeping, shoveling or vacuuming and recycle the material for use.
If this product is mixed with other materials, see section XI.

NOTE: Do not flush material to public sewer systems or waterways.

SECTION VII: HANDLING AND STORAGE

Store in a cool, dry, and well ventilated area. Keep container tightly closed. Avoid contact with materials listed in section X.

SECTION VIII: EXPOSURE CONTROLS/ PERSONAL PROTECTION EQUIPMENT

VENTILATION:	Adequate ventilation should be provided to limit the threat of inhalation. To prevent inhalation use an air purifying respirator with appropriate chemical cartridge or canister.
PROTECTIVE GLOVES:	Yes- suitable chemically resistant gloves should be worn.
EYE PROTECTION:	Safety glasses, goggles or face shield should be worn.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Protective clothing for exposed skin.

SECTION IX: PHYSICAL DATA

APPEARANCE AND ODOR:	White powder, odorless
SPECIFIC GRAVITY (H ² O=1):	2.50
BOILING POINT (C):	N/A
MELTING POINT (C):	N/A
SOLUBILITY IN WATER:	Insoluble
EVAPORATION RATE:	N/A
VAPOR PRESSURE (mm Hg):	N/A
VAPOR DENSITY (Air = 1):	N/A

SECTION X: REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	None known
INCOMPATIBILITY:	This material is corrosive to aluminum. It reacts vigorously with strong acids. Water promotes causticity.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:	Thermal decomposition may produce calcium oxide.
HAZARDOUS POLYMERIZATION:	Will not occur

SECTION XI: WASTE DISPOSAL METHOD

This product in itself is considered to be non-hazardous as defined by RCRA (40 CFR 261). Once used, this product may take on the characteristics of the chemical (s) it was used with and should be disposed of accordingly. Disposal of this product (used or unused) must be in compliance with all local, state, and federal regulations.

SECTION XII: PREPARATION

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.

UPDATED: January 20, 2009

PREPARED BY: Chemtex, Inc.