

# Safety Data Sheet

## 1. Product and Company Identification

### Product Identifier: HF Acid Eater Neutralizing Absorber

**General Use:** HF Acid Eater is a loose absorbent that will absorb and solidify hydrofluoric acid.

**Product Description:** Tan, loose pellets with little or no odor.

### Manufacturer:

Clift Industries, Inc.  
PO Box 471578  
Charlotte, NC 28247  
704-752-0031

### Emergency Telephone

CHEMTREC  
800-424-9300

## 2. Hazards Identification

**Classification:** Acute toxicity, Oral, Dermal, Inhalation Category 5  
Eye Irritation, Category 2B

**Signal Word:** Warning!



**Hazard Statement:** H303+H313 Maybe harmful if swallowed, in contact with skin or if inhaled.  
+H333  
H320 Causes eye irritation.

**Precautionary Statements Prevention:** P264 Wash hands thoroughly after handling.

**Precautionary Statements Response:** P304 + 340 **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing

P301+330+331 **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting.

P303+352 **IF ON SKIN:** Wash with plenty of soap and water.

P305+351+338 **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing.

## 3. Composition/Information on Ingredients

Ingredients	CAS No.	Weight %
Neutralizing Agent	Proprietary	66%
Absorbing Agent	Proprietary	34%

## 4. First Aid Measures

**Eye Contact:** Flush eyes for fifteen minutes with water. If irritation persists, contact a physician.

**Skin Contact:** Wash with soap and water. If irritation persists, contact a physician.

**Inhalation:** Not normally required. Move to fresh air. If symptoms persist, get medical attention.

**Ingestion:** Not normally required. Contact a physician if ingested.

## 5. Fire Fighting Measures

**Extinguishing Media:** Unused form: Dry chemical, water fog, Carbon dioxide, sand.  
Used form: That which is compatible to liquid (s) absorbed.

**Special Fire Fighting Procedures:** None required.

**Hazardous Combustion Products:** Carbon oxides.

**Unusual Hazards:** None expected. Refer to absorbed liquid(s) MSDS(s). Extreme heat may cause pressure to build up inside drum.

## 6. Accidental Release Measures

**Spill or Leak Procedures:** Use proper PPE as outlined in Section 8. Contain, retrieve spilled materials (absorb, pump, vacuum). Vacuuming or wet mopping may be used to avoid dust dispersal.

## 7. Handling and Storage

**Handling Precautions:** Use with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing dust. Keep container tightly sealed when not in use.

**Storage Precautions:** Room temperature. Store in cool, dry area at room temperature. Prevent product from freezing. Shelf life: >1 year, in original sealed package.

**General:** Refer to absorbed liquid(s) MSDS(s). Follow label directions carefully. Make sure all containers are labeled properly. The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not re-use empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

## 8. Exposure Controls/Personal Protection

**Engineering Controls:** Use adequate ventilation to keep airborne concentrations low.

### PERSONAL PROTECTION

**Eyes:** Safety goggles or glass with side shields

**Respirator:** NIOSH/MSHA approved respirator when ventilation is inadequate.

**Gloves:** Impervious gloves.

**Other:** Maintain eyewash and safety shower in work area.

### OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

	EXPOSURE LIMIT 8 hrs TWA (ppm)
OSHA PEL	ACGIH TLV

Nuisance Dust:

Total	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Respirable	5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>

## 9. Physical/Chemical Characteristics

**Appearance:** Tan pellets

**Odor:** Bland

**pH:** N/A

**Melting Point/Freezing Point:** Not available.

**Initial Boiling Point and Range:** Not Available.

**Flash Point:** Equal to water. **Method:** Not available.

**Evaporation Rate:** Not established.

**Flammable Limits:** Not applicable.

**Conditions of Flammability:** Non-flammable.

**Explosive Properties:** Not established.

**Vapor Pressure:** Not available.

**Vapor Density:** Not established.

**Relative Density (H<sub>2</sub>O =1):** 0.695

**Solubility in Water:** N/A

**VOC (g/L):** 0

## 10. Stability and Reactivity Data

<b>General:</b>	This is a stable material
<b>Conditions of Reactivity:</b>	Reacts with sodium hypochlorite or calcium hypochlorite.
<b>Incompatible Materials:</b>	Strong oxidants
<b>Conditions to Avoid:</b>	Dust generation.
<b>Hazardous Decomposition:</b>	Oxides of carbon and nitrogen, ammonia.
<b>Hazardous Polymerization:</b>	Will not occur.

## 11. Toxicological Data

**LD50:** Not established.

**LC50:** Not established.

**Carcinogenicity:** IRAC: None

National Toxicology Program: None

OSHA: None

California Prop 65: No listed ingredient

**Reproduction Toxicity:** Not available

**Teratogenicity:** Not available

**Mutagenicity:** Not available

**Synergistic Products:** Not available

## 12. Ecological Data

No data available

## 13. Disposal Considerations

**Waste Disposal Method:** Observe all federal, state and local regulations.

## 14. Transport Information

**D.O.T. (Department of Transportation):**

**Proper Shipping Name:** Not regulated

**Hazard Class:** Not regulated

**Identification Number:** Not applicable

## 15. Regulatory Information

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No Reportable Quantity

**OSHA Hazard Communication Standard, 28 CFR 1910.1200:** Nuisance dust (PNOR).

**SARA Title III (Superfund Amendments and Reauthorization Act):** Not covered under SARA 313.

**TSCA (Toxic Substances Control Act):** All ingredients are listed.

## 16. OTHER INFORMATION:

**NFPA Hazard Rating:** Health – 1

None → Extreme

0 → 4

Fire – 0

Reactivity – 0

PPE – B

Reason for Issue: GHS changes to Sections 2 & 3.

Prepared by: J. Pickett

Approved by: C. Matthews

Approval Date of Issue: 1/4/2018

Approval Date: 1/4/2018

The information provided in this MSDS is believed to be reliable and accurate. However, the information is provided without any warranty or guarantee, express or implied, regarding its correctness. We do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of the use of this information. The buyer assumes all responsibility of using and handling the product in accordance with the federal, state and local regulations.