

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+ **IF SWALLOWED:** Rinse mouth. Do NOT
331 induce vomiting.
P303+352 **IF ON SKIN:** Wash with plenty of soap and water.

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

3. Composition/Information on Ingredients

Ingredients	CAS No.	Weight %
Thermatite	6381-79-9	20-30
Calcium Hexaboride	12007-99-7	20-30
Fuller's Earth	8031-18-63	50

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 ³	10 mg/m ³
Respirable	5 mg/m ³	3 mg/m ³

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 (H₂O =1): 0.695

Solubility in Water: N/A

VOC (g/L): 0

10. Stability and Reactivity Data

General: This is a stable material
Conditions of Reactivity: Reacts with sodium hypochlorite or calcium hypochlorite.

Incompatible Materials: Strong oxidants

Conditions to Avoid: Dust generation.

Hazardous Decomposition: Oxides of carbon and nitrogen, ammonia.

Hazardous Polymerization: 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.

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Approved by: C. Matthews

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