

Safety Data Sheet

1. Product And Company Identification

Product Identifier: PIG Hydrofluoric Acid Neutralizer (MSD-197)

General Use: PIG Hydrofluoric Acid Neutralizer is designed to safely neutralize hydrofluoric acid spills into inorganic salts and water. Neutralizer has a pH indicator which will change color from beige to red when liquid has been neutralized.

1:1 Neutralization Ratio.

Product Description: Beige liquid in different sized containers.

COMPANY PROFILE:	EMERGENCY TELEPHONE:
New Pig Corporation	INFOTRAC
One Pork Avenue	200 North Palmetto Street
Tipton, PA 16684-0304	Leesburg, FL 34748
Information Number	24 hrs, 7 days/week
1-800-468-4647	1-800-535-5053

Website: www.newpig.com, **Email:** hothogs@newpig.com

2. Hazards Identification

Splashing or direct contact may cause eye, skin and respiratory tract irritation

GHS Classification: Not a dangerous substance according to GHS

POTENTIAL HEALTH EFFECTS:

Eye Contact: Causes irritation if contact occurs.

Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea.

Inhalation: May cause respiratory tract irritation.

Skin Contact: May cause irritation if contact occurs.

Chronic: Not applicable

3. Composition/Information on Ingredients

CAS: 7732-18-5	Aqua	45-55%
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EC: 231-791-2

CAS: 6381-79-9	Thermatite	25-35%
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EC: 209-529-3

CAS: 12007-99-7	Calcium hexaboride	15-25%
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(Product considered non-hazardous)

4. First Aid Measures

Eye Contact: Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

Ingestion: Drink two glasses of water to dilute ingested material. Do not induce vomiting. If symptoms persist, seek medical attention.

Inhalation: Move to fresh air. If symptoms persist, seek medical attention.

4. First Aid Measures (Cont'd)

Skin Contact: Wash with soap and water. If irritation persists, seek medical attention.

5. Fire Fighting Measures

Extinguishing Media: Product is water-based and will not support flames.

Special Fire Fighting Procedures: Water may be used to cool fire-exposed containers. Wear self-contained breathing apparatus with full facepiece.

Hazardous Combustion Products: Not established

Unusual Hazards: Closed containers exposed to heat may rupture due to pressure buildup. Refer to absorbed liquid(s) SDS(s). The PIG Hydrofluoric Acid Neutralizer may help neutralize the acid making it less hazardous but not less flammable.

6. Accidental Release Measures

Spill or Leak Procedures: Wear protective equipment. Contain, retrieve spilled materials (absorb, pump, vacuum, shovel). Not a listed hazardous waste.

7. Handling and Storage

Handling Precautions: Avoid contact with skin and eyes. Do not swallow. Use with adequate ventilation. Wash thoroughly after handling.

Storage Precautions: Store at room temperature in a cool, dry, well ventilated area away from direct sunlight. Prevent product from freezing. **Shelf Life:** 3 years, in original sealed package.

General: 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: General ventilation recommended.

PERSONAL PROTECTION

Eyes: Safety goggles or glasses with side shields

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

Gloves: Impervious (such as latex or nitrile) gloves.

Other: Maintain eyewash and safety shower in work area. Remove contaminated clothing and wash before reuse. Cleanse skin thoroughly after contact.

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS 8 hrs. TWA (ppm)

OSHA PEL ACGIH TLV

None



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9. Physical and Chemical Properties

Appearance: Beige liquid
Odor: Bland **Threshold:** Not established
pH: 8
Melting Point/Freezing Point: 32° F (0° C)
Initial Boiling Point and Range: 212° F (100° C)
Flash Point: >300° F (>149° C) **Method:** Not available
Evaporation Rate: Not established
Flammable Limits: Not applicable
Conditions of Flammability: Non flammable
Explosive Properties: Closed containers exposed to heat may rupture due to pressure buildup
Vapor Pressure: Not available
Vapor Density: Not established
Relative Density (H₂O = 1): 1.0791
Solubility in Water (25°C): Complete
Auto-ignition Temperature: Not determined
Coefficient of Water/Oil Distribution: Not available
VOC (g/L): 0

10. Stability and Reactivity

General: This is a stable material.
Conditions of Reactivity: Reacts with sodium hypochlorite or calcium hypochlorite.
Incompatible Materials: Strong oxidizers
Conditions to Avoid: Excessive heat or flame
Hazardous Decomposition: Not established
Hazardous Polymerization: Will not occur

11. Toxicological Information

LD50: Thermatite: 1870 mg/kg, oral rat
LC50: Thermatite: 0.5 mg/l, inhalation rat
Carcinogenicity: IARC: 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
Irritancy of Product: See Section 2.
Sensitization to Product: Not available

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: This material is NOT defined as hazardous by the Resource Conservation and Recovery Act. It is the product user's responsibility to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste.

14. Transport Information

DOT (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, 29 CFR 1910.1200: No hazardous ingredient
SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient
TSCA (Toxic Substances Control Act): All ingredients are listed.

16. Other Information

Reason for Issue: Reviewed, change to Section 16.
Prepared by: Dale Gatehouse, Entreprises Krenda Inc.
Approved by: Lisa Baxter, New Pig Corporation
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