

Safety Data Sheet

1. Product And Company Identification

Product Identifier: PIG Acid Encapsulating / Neutralizing Absorbents (MSD-151)

General Use: PIG Acid Encapsulating / Neutralizing Absorbents are designed to absorb, encapsulate and neutralize spilled acids rapidly. (Not recommended for Hydrofluoric Acid.) Will turn yellow as it is absorbing and neutralizing. When fully neutralized, will turn back to purple (mauve).

Product Description: Purple (mauve) colored absorbent in mat, pad, sock, pillow and loose form. Skin is polypropylene.

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

If outer material is punctured or if using loose powder:

Warning! Irritant: Product contains chemicals known to cause serious eye irritation, mild skin irritation and may be harmful if swallowed.

GHS Classification for Mat, Pad, Sock or Pillow: Not a dangerous substance according to GHS

GHS Classification for Loose Form: Eye irritation, category 2

GHS Label Elements

Signal Word: Warning

H303 May be harmful if swallowed

H316 Causes mild skin irritation

H319 Causes serious eye irritation

Precautionary Statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P337 + P313 IF eye irritation persists: Get medical advice/attention



3. Composition/Information on Ingredients

Filler or Loose:

CAS: 497-19-8 Sodium carbonate 80-85%

EC: 207-838-8

CAS : 9003-04-7 Sodium Polyacrylate 15-20%

CAS : 72-48-0 Alizarin <1%

EC : 200-782-5

Skin:

CAS: 9003-07-0 Polypropylene >99%

CAS: None Adhesive <1.0001%

CAS: 9003-07-0 Polypropylene stitching <0.0001%

4. First Aid Measures

Eye Contact: Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get medical attention if irritation persists.

Ingestion: If conscious, give two glasses of water and call physician or poison control.

Inhalation: Remove to fresh air if excessive amounts of dust inhaled.

Skin Contact: Wash with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.

5. Fire Fighting Measures

Extinguishing Media: Use media appropriate for surrounding fire.

Special Fire Fighting Procedures: Wear self contained breathing apparatus and full protective clothing.

Hazardous Combustion Products: Not established

Unusual Hazards: Polymer residue is slippery when wet. Refer to absorbed liquid(s) SDS(s). The Acid Encapsulating / Neutralizing Absorbents may help neutralize the acid making it less hazardous but not less flammable.

6. Accidental Release Measures

Spill or Leak Procedures: Recovered spills should be placed in closed containers and disposed of in accordance with Federal, State and local regulations. If sweeping loose absorbent, dampen with water spray or vacuum to avoid creating dust.

7. Handling and Storage

Handling Precautions: Store in cool, dry well ventilated area away from incompatible chemicals and away from flammables, heat sources, foodstuffs and animal feed. If outer material is punctured, avoid breathing dust. If wet, filler is very slippery.

Storage Precautions: Room temperature. **Shelf Life:** ~5 years when stored in a clean, dry environment out of direct sunlight.

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 mechanical ventilation or local exhaust as appropriate.

PERSONAL PROTECTION

Eyes: Safety glasses with side shields.

Respirator: If outer material is punctured or if using loose, use NIOSH/MSHA approved dust respirator in unventilated area.

Gloves: If outer material is punctured or if using loose, use of chemical resistant gloves is a good industrial practice.

Other: Eyewash facility.

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8. Exposure Controls/Personal Protection (Cont'd)

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS 8 hrs. TWA (ppm)

	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Sodium carbonate as Mineral nuisance dust:		
Total	15 mg/m ³	10 mg/m ³
Respirable	5 mg/m ³	3 mg/m ³

Manufacturer's recommended 8-hour exposure limit for sodium polyacrylate is 0.05 mg/m³

9. Physical and Chemical Properties (Liquid)

Appearance: Mauve mat, pad, sock or pillow with light orange or light purple crystalline powder filler or loose powder.

Odor: None **Odor Threshold:** Not applicable

pH: Not applicable

MELTING POINT/Freezing Point: *Skin:* 320°F (160°C), *Filler:* 1584°F (862°C)

Initial Boiling Point and Range: Not applicable

Flash Point: Not established **Method:** Not applicable

Evaporation Rate: Not applicable

Flammable Limits: Not established

Conditions of Flammability: Not established

Explosive Properties: None

Vapor Pressure: Not established

Vapor Density: Not established

Relative Density (H₂O = 1): 2.2

Solubility in Water: 5.5g/100g water at 0°C

Auto Ignition Temperature: *Skin:* 825° F (440° C), *Filler:* Non combustible

Coefficient of Water/Oil Distribution: Not available

10. Stability and Reactivity

General: This is a stable material.

Conditions of Reactivity: Depending on the chemical being neutralized, significant quantities of heat may be generated, including some off-gassing.

Incompatible Materials: Fluorine, lithium and 2,4,6-trinitrotoluene. Contact with food products containing sugars may form deadly carbon monoxide gas. Contact with acids will cause neutralization.

Conditions to Avoid: Extreme heat.

Hazardous Decomposition: Carbon dioxide.

Hazardous Polymerization: Will not occur.

11. Toxicological Information

Target Organs: No data available

POTENTIAL HEALTH EFFECTS:

Eye Contact: If outer material is punctured or if using loose powder, causes eye irritation.

Ingestion: If outer material is punctured, may cause burns of mouth, nose, throat, stomach and esophagus. If large amounts are ingested, may cause nausea, vomiting, diarrhea.

11. Toxicological Information (Cont'd)

Inhalation: If outer material is punctured, may cause respiratory irritation. Pre-existing respiratory disorders may be aggravated by this product. **Skin Contact:** If outer material is punctured or if using loose powder, may cause irritation.

Chronic: Prolonged contact may cause burns and dermatitis

LD50: Not established for mixture.

LC50: Not established for mixture.

Carcinogenicity: IARC: No
National Toxicology Program: No
OSHA: No

Reproduction Toxicity: Not available

Teratogenicity: Not available

Mutagenicity: Not available

Synergistic Products: Not available

Sodium carbonate (CAS # 497-19-8):

Eye: The draize eye irritation score for rabbits is 100 mg/24H

Skin: The dermal LD50 for rabbits: 500 mg/24H Mild

Ingestion: The oral LD50 for rats is 4090 mg/kg.

LC50: Inhalation, Rat: 2300 mg/m³, 2 hours

12. Ecological Information

No data available

13. Disposal Considerations

Waste Disposal Method: If material is unused, dispose of as a non-hazardous material in accordance with federal, state and local regulations. Refer to SDS(s) of absorbed materials.

14. Transport Information

DOT (Department of Transportation):

Proper Shipping Name: Not regulated

Hazard Class: None

Identification Number: Not applicable

Land Transport ADR/RID (cross-border):

ADR/RID Class: None

Maritime Transport IMDG/GGVSea:

IMDG/GGVSea Class: None

Air Transport ICAO-TI and IATA-DGR:

ICAO/IATA Class: None

Transport/Additional Information: Not dangerous according to the above specifications.

15. Regulatory Information

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

OSHA Hazard Communication Standard, 29 CFR 1910.1200: Mineral nuisance dust

SARA Title III (Superfund Amendments and Reauthorization Act): No listed ingredient

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



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16. Other Information

Reason for Issue: Reviewed, changes to Sections 3, 8, 11 & 16.

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