

# 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  
One Pork Avenue  
Tipton, PA 16684-0304  
Information Number  
1-800-468-4647

INFOTRAC  
200 North Palmetto Street  
Leesburg, FL 34748  
24 hrs, 7 days/week  
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

H319 Causes serious eye irritation

H316 Causes mild skin irritation

**Precautionary Statements:**

P264 Wash hands (skin) thoroughly after handling

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:** Wash thoroughly after handling. If outer material is punctured, avoid breathing dust. If wet, filler is very slippery.

**Storage Precautions:** Store in cool, dry well-ventilated area away from incompatible chemicals and away from flammables, heat sources, foodstuffs and animal feed. **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.

# Safety Data Sheet

## 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 <sup>3</sup>	10 mg/m <sup>3</sup>
Respirable	5 mg/m <sup>3</sup>	3 mg/m <sup>3</sup>

Manufacturer's recommended 8-hour exposure limit for sodium polyacrylate is 0.05 mg/m<sup>3</sup>

## 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 (H<sub>2</sub>O = 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.

## 11. Toxicological Information (Cont'd)

**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.

**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

California Prop 65: No listed ingredient

**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/m<sup>3</sup>, 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.



# Safety Data Sheet

## 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.

## 16. Other Information

**Reason for Issue:** Reviewed, changes to Sections 2, 7, 11 & 16.

**Prepared by:** Dale Gatehouse, Entreprises Krenda Inc.

**Approved by:** Lisa Baxter, New Pig Corporation

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**SDS Number:** MSD-151

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