



Safety Data Sheet

Issue Date: 05-Apr-2022

Revision Date: 14-Apr-2022

Version 1

1. IDENTIFICATION

Product identifier

Product Name PIG Acid Encapsulating/Neutralizing Absorbents

Other means of identification

SDS # MSD-151

Recommended use of the chemical and restrictions on use

Recommended Use PIG Acid Encapsulating/Neutralizing Absorbents are designed to absorb, encapsulate and neutralize spilled acids rapidly. Will turn yellow as it is absorbing and neutralizing. When fully neutralized, will turn back to purple (mauve).

Uses Advised Against Not recommended for Hydrofluoric Acid.

Details of the supplier of the safety data sheet

Supplier Address

New Pig Corporations
One Pork Avenue
Tipton, PA 16684-0304
Information: 1-800-468-4647
Email: hothogs@newpig.com
Website: www.newpig.com

Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

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

Physical state Solid

Classification

This product is an absorbent mat, pad, sock, and/or pillow contained in a polypropylene skin. In it's finished form, it is not considered hazardous. The information below is for the loose absorbent material.

Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Serious eye damage/eye irritation	Category 2

Signal Word

Warning

Hazard statements

Harmful if inhaled
Causes serious eye irritation

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Wash face, hands and any exposed skin thoroughly after handling
Wear eye protection/ face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF INHALED: Remove person to fresh air and keep comfortable for breathing
Call a POISON CENTER or doctor if you feel unwell

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Sodium carbonate	497-19-8	80-85
Sodium Polyacrylate	9003-04-7	15-20
Alizarin	72-48-0	<1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES**Description of 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.
Skin Contact	Wash with soap and water. Remove contaminated clothing and shoes. Get medical attention if irritation persists.
Inhalation	Remove to fresh air if excessive amounts of dust inhaled.
Ingestion	If conscious, give two glasses of water and call physician or poison control center.

Most important symptoms and effects, both acute and delayed

Symptoms	May be harmful if swallowed. May be harmful in contact with skin. Harmful if inhaled. Causes serious eye irritation.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

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.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up 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

Precautions for safe handling

Advice on Safe Handling Wash thoroughly after handling. If outer material is punctured, avoid breathing dust. If wet, filler is very slippery.

Conditions for safe storage, including any incompatibilities

Storage Conditions 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 sealed, clean, dry environment out of direct sunlight.

Packaging Materials The container can be hazardous when empty. Follow label cautions even after the container is empty. Do not reuse empty containers for food, clothing or products for human or animal consumption, or where skin contact can occur.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

Appropriate engineering controls

Engineering Controls General mechanical ventilation or local exhaust as appropriate. Showers. Eyewash stations.

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side shields.
Skin and Body Protection	IF outer material is punctured or if using loose, use of chemical resistant gloves is a good industrial practice.
Respiratory Protection	If outer material is punctured or if using loose, use NIOSH/MSHA approved dust respirator in unventilated area.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Solid		
Appearance	Mauve mat, pad, sock or pillow with light orange or light purple crystalline powder filler or loose powder	Odor	Not determined
Color	Not determined	Odor Threshold	Not determined
Property	Values	Remarks • Method	
pH	Not determined		
Melting point / freezing point	862°C / 584°F		
Boiling point / boiling range	Not determined		
Flash point	Not determined		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	Not determined		
Flammability Limit in Air			
Upper flammability or explosive limits	Not determined		
Lower flammability or explosive limits	Not determined		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Relative Density	2.2	(Water=1)	
Water Solubility	Not determined		
Solubility in other solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition temperature	Not determined		
Decomposition temperature	Not determined		
Kinematic viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not determined		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY**Reactivity**

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

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization Will not occur.

Conditions to Avoid

Extreme heat.

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.

Hazardous decomposition products

Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Avoid contact with eyes.

Skin Contact May be harmful in contact with skin.

Inhalation Harmful if inhaled.

Ingestion May be harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate 497-19-8	= 4090 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	-
Sodium Polyacrylate 9003-04-7	> 40 g/kg (Rat)	-	-
Alizarin 72-48-0	= 1000 mg/kg (Rat)	-	-

Symptoms related to the physical, chemical and toxicological characteristics

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Serious eye damage/eye irritation Causes serious eye irritation.

Carcinogenicity Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Oral LD50 4,883.80 mg/kg
Dermal LD50 2,441.50 mg/kg
ATEmix (inhalation-dust/mist) 1.83 mg/L

12. ECOLOGICAL INFORMATION

Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Component Information

Chemical name	Algae/aquatic plants	Fish	Crustacea
Sodium carbonate 497-19-8		310 - 1220: 96 h Pimephales promelas mg/L LC50 static 300: 96 h Lepomis macrochirus mg/L LC50 static	265: 48 h Daphnia magna mg/L EC50

Persistence/Degradability

Not determined.

Bioaccumulation

There is no data for this product.

Mobility

Chemical name	Partition coefficient
Alizarin 72-48-0	2.91

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods****Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical name	California Hazardous Waste Status
Sodium carbonate 497-19-8	Corrosive

14. TRANSPORT INFORMATION**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

15. REGULATORY INFORMATION**International Inventories**

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
Sodium carbonate	X	ACTIVE	X	X	X	X	X	X	X
Sodium Polyacrylate	X	ACTIVE	X		X	X	X	X	X
Alizarin	X	ACTIVE	X	X	X	X	X	X	X

Legend:

- TSCA* - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
<u>HMIS</u>	Health Hazards Not determined	Flammability Not determined	Physical hazards Not determined	Personal Protection Not determined

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet