Safety Data Sheet

Issue Date: 05-Apr-2022 **Revision Date:** 14-Apr-2022 **Version** 1

1. IDENTIFICATION

Product identifier

Product Name PIG Base Encapsulating/Neutralizing Absorbents

Other means of identification

SDS # MSD-152

Recommended use of the chemical and restrictions on use

Recommended Use PIG Base Encapsulating/Neutralizing Absorbents are designed to absorb, encapsulate and neutralize spilled bases rapidly. Product will turn from a cream color to a blue (high concentrations), red (medium concentrations), then back to a cream color when neutralized.

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 Cream colored pillow, mat or sock with white crystalline powder 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.

Serious eye damage/eye irritation	Category 2

Signal Word

Warning

Hazard statements

Causes serious eye irritation

Precautionary Statements - Prevention

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Citric Acid	77-92-9	60-65
Sodium Polyacrylate	9003-04-7	25-50
Thymol	89-83-8	<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. Causes serious eye irritation.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

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 Base Encapsulating/Neutralizing Absorbents may help neutralize the base 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 Do not flush material to public sewer or waterways. 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 Metallic nitrates, cyanides, sulfides and strong oxidizers. Contact with sodium or calcium hypochlorite creates chlorine gas.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Citric Acid 77-92-9	-	15 mg / m3 (Total)	-

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	Cream colored pillow, mat or sock with white crystalline powder or loose powder	**Odor**	Not determined
Color	Not determined	**Odor Threshold**	Not determined

Property	**Values**	**Remarks • Method**
pH	Not determined	
Melting point / freezing point	851°C / 1564°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 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 May occur.

Conditions to Avoid
Keep out of reach of children.

Incompatible materials
Metallic nitrates, cyanides, sulfides and strong oxidizers. Contact with sodium or calcium hypochlorite creates chlorine gas.

Hazardous decomposition products
Carbon dioxide and carbon monoxide. Thermal decomposition may result in acid fumes.

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 Do not inhale.

Ingestion May be harmful if swallowed.

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Citric Acid 77-92-9	= 3 g/kg (Rat)	> 2000 mg/kg (Rat)	-
Sodium Polyacrylate 9003-04-7	> 40 g/kg (Rat)	-	-
Thymol 89-83-8	= 980 mg/kg (Rat)	> 2000 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 4,631.10 mg/kg

Dermal LD50 3,229.00 mg/kg

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
Citric Acid 77-92-9		1516: 96 h Lepomis macrochirus mg/L LC50	
Thymol 89-83-8		3.2: 96 h Pimephales promelas mg/L LC50 static 5: 96 h Brachydanio rerio mg/L LC50 static	

Persistence/Degradability

Not determined.

Bioaccumulation
There is no data for this product.

Mobility

Chemical name	Partition coefficient
Citric Acid 77-92-9	-1.72
Thymol 89-83-8	3.3

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.

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/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Citric Acid	X	ACTIVE	X	X	X	X	X	X	X
Sodium Polyacrylate	X	ACTIVE	X		X	X	X	X	X
Thymol	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

NFPA	**Health Hazards**	**Flammability**	**Instability**	**Special Hazards**
	Not determined	Not determined	Not determined	Not determined
HMIS	**Health Hazards**	**Flammability**	**Physical hazards**	**Personal Protection**
	Not determined	Not determined	Not determined	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