



SAFETY DATA SHEET

PIG Acid Encapsulating / Neutralizing Absorbents

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name PIG Acid Encapsulating / Neutralizing Absorbents

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses 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).

1.3. Details of the supplier of the safety data sheet

Supplier New Pig Ltd.
Hogs Hill
Watt Place
Hamilton International Technology Park
Blantyre, G72 0AH, UK
T: +44 (0) 1698 727 400
E: pigpen@newpig.com
Web: www.newpig.co.uk

1.4. Emergency telephone number

+44 (0) 1698 727 400
Monday - Friday 08:00 - 17:00

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

Classification (1999/45/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

Not hazardous under normal use. This product contains loose powder which is irritating to skin to eyes. If punctured may cause irritation.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required.

Precautionary Statements

P281 Use personal protective equipment as required.

2.3. Other hazards

PBT/ vPvB assessment: Not relevant

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition Comments

Product consists of: Sodium Carbonate (CAS 497-19-89) Alizarin (CAS 72-48-0) Contained within a casing made of: Polypropylene (CAS 9003-07-0).

SECTION 4: FIRST AID MEASURES

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4.1. Description of first aid measures

General information

The comments refer to the product in its unused state. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

Inhalation

If the product is punctured: General first aid, rest, warmth and fresh air. Get medical attention if any discomfort continues.

Ingestion

If the product is punctured: Rinse mouth thoroughly. Get medical attention.

Skin contact

If the product is punctured: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. Burns (in contact with molten product): Flush with water immediately. While flushing, remove clothes which do not adhere to affected area.

Eye contact

If the product is punctured: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

The molten product can cause serious burns.

Eye contact

If the product is punctured: Irritating and may cause redness and pain.

4.3. Indication of any immediate medical attention and special treatment needed

If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

If product is unused: Use fire-extinguishing media appropriate for surrounding materials. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

Unusual Fire & Explosion Hazards

Where necessary refer to the absorbed liquid's Safety Data Sheet. When heated polypropylene will become very sticky and will burn.

Specific hazards

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Avoid breathing fire vapours. If product is used: Do not touch. Spillage may not be fully absorbed.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8.

6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

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If casing has split: Sweep up spilled substance and remove to safe place. If product is used: Wear necessary protective equipment. Where necessary refer to the absorbed liquid's Safety Data Sheet. Transfer to a container for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

6.4. Reference to other sections

For personal protection, see section 8. See section 11 for more detailed information on health effects and symptoms. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

When dealing with a spillage, please consult the section relating to suitable protective measures. Ensure product is suitable for use with spilled material. Read and follow manufacturer's recommendations. Where necessary refer to the absorbed liquid's Safety Data Sheet. Stop leak if possible without risk. DO NOT touch spilled material! Employ the absorbent product to soak up spilled material. Transfer to a container for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7.2. Conditions for safe storage, including any incompatibilities

Store in a dry place. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

No exposure limits noted for ingredient(s).

8.2. Exposure controls

Engineering measures

If product is used: Provide adequate ventilation.

Respiratory equipment

Respiratory protection not required. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

Hand protection

Hand protection not required. If product is used: Use protective gloves made of: Material providing suitable protection against spilled materials. Where necessary refer to the absorbed liquid's Safety Data Sheet.

Eye protection

Eye protection not required. If product is used: Wear approved chemical safety goggles where eye exposure is reasonably probable. Where necessary refer to the absorbed liquid's Safety Data Sheet.

Hygiene measures

Wash hands after handling. When using do not eat, drink or smoke.

Environmental Exposure Controls

Do not allow ANY environmental contamination.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance Absorbent mat. Absorbent sock. Absorbent pillow.

Odour Almost odourless.

Solubility Insoluble in water

Initial boiling point and boiling range (°C)

Not relevant

Relative density

Not determined.

Bulk Density

Not available.

Vapour density (air=1)

Not relevant

Vapour pressure

Not relevant

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Evaporation rate

Not relevant

Evaporation Factor

Not available.

pH-Value, Conc. Solution

Not relevant

pH-Value, Diluted Solution

Not available.

Viscosity

Not relevant

Solubility Value (G/100G H₂O@20°C)

Not applicable.

Decomposition temperature (°C)

Not determined.

Odour Threshold, Lower

Not determined.

Odour Threshold, Upper

Not determined.

Flash point (°C)

Not available.

Auto Ignition Temperature (°C) 440°C

Flammability Limit - Lower(%)

Not determined.

Flammability Limit - Upper(%)

Not determined.

Partition Coefficient (N-Octanol/Water)

Not relevant

Explosive properties

Not considered to be explosive.

Oxidising properties

Not relevant

9.2. Other information

Not known.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reaction with: Strong oxidising substances. Halogenated hydrocarbons.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Not known.

Hazardous Polymerisation

Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Halogenated hydrocarbons.

10.6. Hazardous decomposition products

None under normal conditions. In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

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Toxicological information

This product is not considered as hazardous to health due to its physical form. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

Acute toxicity:

Acute Toxicity (Oral LD50)

Not determined.

Based on available data the classification criteria are not met.

Acute Toxicity (Dermal LD50)

Not determined.

Based on available data the classification criteria are not met.

Acute Toxicity (Inhalation LC50)

Not determined.

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Not irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Genotoxicity - In Vitro

Not determined.

Based on available data the classification criteria are not met.

Carcinogenicity:

Carcinogenicity

Not determined.

Based on available data the classification criteria are not met.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Not determined.

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

Not determined.

Not classified as a specific target organ toxicant after repeated exposure.

Inhalation

No specific health warnings noted.

Ingestion

No specific health warnings noted.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

If the product is punctured: Dust in the eyes will cause irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The comments refer to the product in its unused state. Not regarded as dangerous for the environment. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

12.1. Toxicity

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Acute Fish Toxicity

Not considered toxic to fish.

12.2. Persistence and degradability

Degradability

Not relevant, due to the form of the product.

12.3. Bioaccumulative potential

Bioaccumulative potential

Not relevant, due to the form of the product.

Partition coefficient

Not relevant

12.4. Mobility in soil

Mobility:

Not considered mobile.

12.5. Results of PBT and vPvB assessment

Not relevant

12.6. Other adverse effects

Do not allow to enter drains, sewers or watercourses. Risk of: Blockage.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

The packaging should be collected for reuse.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Where necessary refer to the absorbed liquid's Safety Data Sheet.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

No information required.

SECTION 15: REGULATORY INFORMATION

PIG Acid Encapsulating / Neutralizing Absorbents

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

General information

This product does not require a Safety Data Sheet. A Safety Data Sheet is provided for information purposes only.

Revision Date 25/11/2013

Safety Data Sheet Status EN_GB_SDS_S143.pdf

Risk Phrases In Full

NC Not classified.