SAFETY DATA SHEET
PIG Absorbent and Super Absorbent Pillows / PIG Super Absorbent

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name
PIG Absorbent and Super Absorbent Pillows / PIG Super Absorbent

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

Uses advised against
No specific uses advised against are identified.

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

1.4. Emergency telephone number
Emergency telephone
+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 hazards
Not Classified

Health hazards
Not Classified

Environmental hazards
Not Classified

2.2. Label elements
Hazard statements
NC Not Classified

2.3. Other hazards
PBT/ vPvB assessment: Not relevant.

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Composition comments
Product consists of: Cellulose (CAS 9004-34-6). Ammonium polyphosphate Ammonium sulphate <0.1% Contained within a casing made of: Polypropylene (CAS 9003-07-0).

SECTION 4: First aid measures

4.1. Description of first aid measures
PIG Absorbent and Super Absorbent Pillows / PIG Super Absorbent

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
Not relevant. Unlikely route of exposure during normal use.

Ingestion
Not relevant. Unlikely route of exposure during normal use.

Skin contact
Not relevant at normal room temperatures. If heated: Burns (in contact with molten product): Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Get medical attention immediately. Continue to rinse.

Eye contact
Not relevant. Unlikely route of exposure during normal use.

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

Inhalation
No specific symptoms known.

Ingestion
No specific symptoms known.

Skin contact
Prolonged contact may cause dryness of the skin. Contact with hot product can cause serious thermal burns.

Eye contact
No specific symptoms known.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
If product is unused: Powder. Extinguish with the following media: 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

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

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO2). Carbon monoxide (CO). Nitrous gases (NOx). Ammonia or amines.

5.3. Advice for firefighters

Protective actions during firefighting
Avoid breathing fire gases or vapours. If product is used: Do not touch or walk into spilled material. Spillage may not be fully absorbed.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
For personal protection, see Section 8. No action shall be taken without appropriate training or involving any personal risk.

6.2. Environmental precautions

Environmental precautions
Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up
PIG Absorbent and Super Absorbent Pillows / PIG Super Absorbent

Methods for cleaning up

If product is unused: Reuse or recycle products wherever possible. If casing has split: Collect spillage with a shovel and broom, or similar and reuse, if possible. If product is used: Wear protective clothing as described in Section 8 of this safety data sheet. Where necessary refer to the absorbed liquid's Safety Data Sheet. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. For waste disposal, see Section 13.

6.4. Reference to other sections

Reference to other sections

For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

For personal protection, see Section 8. 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. Employ the absorbent product to contain, and soak up spilled material. Stop leak if safe to do so. Do not touch or walk into spilled material. Collect and place in suitable waste disposal containers and seal securely. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

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

7.3. Specific end use(s)

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

Occupational exposure limits

Cellulose

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³
Short-term exposure limit (15-minute): WEL 20 mg/m³
WEL = Workplace Exposure Limit

Ingredient comments

Exposure to components of the product are limited due to the physical form of the product.

8.2. Exposure controls

Appropriate engineering controls

If product is used: Provide adequate ventilation.

Eye/face protection

No specific eye protection required during normal use. If product is used: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Where necessary refer to the absorbed liquid's Safety Data Sheet.

Hand protection

Hand protection not required. If product is used: It is recommended that chemical-resistant, impervious gloves are worn. Where necessary refer to the absorbed liquid's Safety Data Sheet.

Hygiene measures

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

Respiratory protection

No specific requirements are anticipated under normal conditions of use. If casing has split: Wear a suitable dust mask. If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.

Environmental exposure controls

Do not allow any environmental contamination.
PIG Absorbent and Super Absorbent Pillows / PIG Super Absorbent

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Absorbent sock. or Absorbent pillow.</td>
</tr>
<tr>
<td>Colour</td>
<td>Grey.</td>
</tr>
<tr>
<td>Odour</td>
<td>Slight. Ammonia.</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available.</td>
</tr>
<tr>
<td>pH</td>
<td>Not available.</td>
</tr>
<tr>
<td>Melting point</td>
<td>150 - 170°C</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>Not available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available.</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>0.7 - 0.85</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Insoluble in water.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>&gt;232°C</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Does not meet the criteria for classification as oxidising.</td>
</tr>
</tbody>
</table>

9.2. Other information

Other information

No information required.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity

See the other subsections of this section for further details.

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions

Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid

Keep away from heat, sparks and open flame.

10.5. Incompatible materials
PIG Absorbent and Super Absorbent Pillows / PIG Super Absorbent

Materials to avoid


10.6. Hazardous decomposition products

Hazardous decomposition products

None at ambient temperatures. Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO2). Carbon monoxide (CO). Nitrous gases (NOx). Ammonia or amines. Heating may generate the following products: >260°C Sulphur dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

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 - oral

Notes (oral LD₅₀)

Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀)

Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀)

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Based on available data the classification criteria are not met.

Respiratory sensitisation

Based on available data the classification criteria are not met.

Skin sensitisation

Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Carcinogenicity

Based on available data the classification criteria are not met.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure

STOT - single exposure

Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure

Based on available data the classification criteria are not met.

Aspiration hazard

Based on available data the classification criteria are not met.

SECTION 12: Ecological information
PIG Absorbent and Super Absorbent Pillows / PIG Super Absorbent

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

Toxicity

Aquatic toxicity is unlikely to occur.

12.2. Persistence and degradability

Persistence and degradability

Not relevant.

12.3. Bioaccumulative potential

Bioaccumulative potential

Not relevant.

Partition coefficient

Not available.

12.4. Mobility in soil

Mobility

Not considered mobile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

Not relevant.

12.6. Other adverse effects

Other adverse effects

Do not discharge into drains or watercourses or onto the ground. Risk of: Blockage

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste product or used containers in accordance with local regulations Where necessary refer to the absorbed liquid’s Safety Data Sheet.

SECTION 14: Transport information

General

The product is not covered by international regulations 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)

No transport warning sign required.

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 MARPOL and the IBC Code
PIG Absorbent and Super Absorbent Pillows / PIG Super Absorbent

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

National regulations

EH40/2005 Workplace exposure limits.

EU legislation


15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ATE: Acute Toxicity Estimate.
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
L<sub>50</sub>: Lethal Concentration to 50 % of a test population.
L<sub>D50</sub>: Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT: Persistent, Bioaccumulative and Toxic substance.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
vPvB: Very Persistent and Very Bioaccumulative.

General information

This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.

Classification procedures according to Regulation (EC) 1272/2008

Not classified.

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