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

1.1. Product identifier
Product name: PIG Grippy Absorbents

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: Polypropylene, up to (40%) Pre-consumer recycled polypropylene (CAS 9003-07-0) or (100%) Post consumer recycled polyester fibres (CAS 25038-59-9). Contains Mixture Adhesive; Polyethylene film.

SECTION 4: First aid measures
PIG Grippy Absorbents

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
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.

Specific treatments
No special treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
If product is unused: Extinguish with foam, carbon dioxide, dry powder or water fog. 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). Aldehydes. Ketones. Acrolein.

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
PIG Grippy Absorbents

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

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
If product is unused: Collect spillage. Reuse or recycle products wherever 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.

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
Wear protective clothing as described in Section 8 of this safety data sheet. Ensure product is suitable for use with spilled material. Read and follow manufacturer's recommendations. Stop leak if safe to do so. Do not touch or walk into spilled material. Where necessary refer to the absorbed liquid's Safety Data Sheet. Employ the absorbent product to contain, and soak up 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.

Advice on general occupational hygiene
Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities
Storage precautions
Store in a dry place. Keep away from heat, sparks and open flame.

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
Carbon black
Long-term exposure limit (8-hour TWA): WEL 3.5 mg/m³
Short-term exposure limit (15-minute): WEL 7 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.
PIG Grippy Absorbents

Respiratory protection

No specific requirements are anticipated under normal conditions of use. If product is used: Where necessary refer to the absorbed liquid’s Safety Data Sheet.

Environmental exposure controls

Do not allow any environmental contamination.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Absorbent mat.</td>
</tr>
<tr>
<td>Odour</td>
<td>Almost odourless.</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>Polypropylene fibre: &gt;160°C/320°F Polyester fibre: 258°C/496°F</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</td>
<td>Not available.</td>
</tr>
<tr>
<td>explosive limits</td>
<td></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>0.9</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;575°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

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
PIG Grippy Absorbents

Possibility of hazardous reactions
Will not polymerise.

10.4. Conditions to avoid
Conditions to avoid
Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials
Materials to avoid
Strong oxidising agents.

10.6. Hazardous decomposition products
Hazardous decomposition products
Heating may generate the following products: Toxic gases or vapours.

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
PIG Grippy Absorbents

Aspiration hazard  Based on available data the classification criteria are not met.

General information  The product is not believed to present a hazard due to its physical nature.

Inhalation  No specific symptoms known.

Ingestion  No specific symptoms known.

Skin contact  Prolonged contact may cause dryness of the skin. Prolonged contact may cause burns.

Eye contact  No specific symptoms known.

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

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)
PIG Grippy Absorbents

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
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.
LC50: Lethal Concentration to 50% of a test population.
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
PBT: Persistent, Bioaccumulative and Toxic substance.
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.
This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.