



SAFETY DATA SHEET

PIG Water Activated Flood Sacks and Booms

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

1.1. Product identifier

Product name PIG Water Activated Flood Sacks and Booms

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

Identified uses Absorbent (Flood barrier)

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier New Pig BV.
 Hazeldonk 6489
 4836 LH Breda
 The Netherlands
 E: pigpost@newpig.com
 Web: www.newpig.co.uk
 T: +31 (0) 76 596 9250

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

Human health The product is considered to be a low hazard under normal conditions of use. If casing has split: Dust may irritate the eyes and the respiratory system. May cause skin irritation.

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

PIG Water Activated Flood Sacks and Booms

Composition comments	Product consists of: Sodium polyacrylate (9003-04-7) 100%
	Contained within a casing made of: Polypropylene (CAS 9003-07-0). >99% Black pigment. <0.3%

SECTION 4: First aid measures

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 casing has split: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	If casing has split: Rinse mouth thoroughly with water. Get medical attention.
Skin contact	If casing has split: Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing. 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	If casing has split: Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately.

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

Inhalation	No specific symptoms known. If casing has split: Dust may irritate the respiratory system.
Ingestion	No specific symptoms known.
Skin contact	Prolonged contact may cause dryness of the skin. Contact with hot product can cause serious thermal burns. If casing has split: May cause skin irritation.
Eye contact	If casing has split: Particles in the eyes may cause irritation and smarting. Redness.

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: Use fire-extinguishing media suitable for the surrounding fire. 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 (CO ₂). Carbon monoxide (CO). Nitrous gases (NO _x). Ketones. Aldehydes. Organic compounds.

5.3. Advice for firefighters

PIG Water Activated Flood Sacks and Booms

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.
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6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

Methods for cleaning up	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. Flush contaminated area with plenty of water.
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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.
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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. Handle all packages and containers carefully to minimise spills. Stop leak if safe to do so. If casing has split: Avoid generation and spreading of dust. Avoid inhalation of dust. 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.
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Advice on general occupational hygiene	Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.
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7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store in a dry place. Protect from moisture. Keep away from heat, sparks and open flame.
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7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
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SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

If dust is generated:

Long-term exposure limit (8-hour TWA): 10 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): 4 mg/m³ respirable dust

8.2. Exposure controls

PIG Water Activated Flood Sacks and Booms

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: If casing has split: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Tight-fitting safety glasses. Where necessary refer to the absorbed liquid's Safety Data Sheet.
Hand protection	Hand protection not required. If product is used: If casing has split: 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 product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet. If casing has split: If ventilation is inadequate, suitable respiratory protection must be worn.
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	Outer material: Solid. Inner material: Powder.
Colour	Outer material: Black. Inner material: White.
Odour	Odourless.
Odour threshold	Not available.
pH	pH (diluted solution): 5.5 - 6.5 (1%)
Melting point	Outer material: 120 - 170°C
Initial boiling point and range	Not available.
Flash point	Not available.
Evaporation rate	Not available.
Upper/lower flammability or explosive limits	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	1.5
Solubility(ies)	Inner material: Slightly soluble in water.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not considered to be explosive.
Oxidising properties	Does not meet the criteria for classification as oxidising.

PIG Water Activated Flood Sacks and Booms

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 Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Hydrocarbons - halogenated.

10.6. Hazardous decomposition products

Hazardous decomposition products Heating may generate the following products: Toxic gases or vapours. Carbon dioxide (CO₂). Carbon monoxide (CO). Nitrous gases (NO_x).

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

Serious eye damage/irritation Based on available data the classification criteria are not met.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

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

PIG Water Activated Flood Sacks and Booms

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

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. If casing has split: Dust may irritate the respiratory system.

Ingestion No specific symptoms known.

Skin contact Prolonged contact may cause dryness of the skin. Contact with hot product can cause serious thermal burns. If casing has split: May cause skin irritation.

Eye contact If casing has split: Particles in the eyes may cause irritation and smarting. Redness.

Toxicological information on ingredients.

Sodium polyacrylate

Toxicological effects Not regarded as a health hazard under current legislation.

Acute toxicity - oral

Notes (oral LD₅₀) LD₅₀ 40000 mg/m³, Oral, Rat

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

PIG Water Activated Flood Sacks and Booms

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

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

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

National regulations 2020 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents) Regulations (2001-2015) and Safety, Health and Welfare at Work (Carcinogens) Regulations (2001-2019)

EU legislation Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
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 (as amended).

15.2. Chemical safety assessment

PIG Water Activated Flood Sacks and Booms

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. LC ₅₀ : Lethal Concentration to 50 % of a test population. LD ₅₀ : Lethal Dose to 50% of a test population (Median Lethal Dose). REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative. MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.
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