



## 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](mailto:pigpost@newpig.com)  
 Web: [www.newpig.co.uk](http://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

<b>Composition comments</b>	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%
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### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

<b>General information</b>	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.
<b>Inhalation</b>	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.
<b>Ingestion</b>	If casing has split: Rinse mouth thoroughly with water. Get medical attention.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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**

<b>Inhalation</b>	No specific symptoms known. If casing has split: Dust may irritate the respiratory system.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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**

<b>Notes for the doctor</b>	If product is used: Where necessary refer to the absorbed liquid's Safety Data Sheet.
<b>Specific treatments</b>	No special treatment required.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	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.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

#### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	Where necessary refer to the absorbed liquid's Safety Data Sheet. When heated polypropylene will become very sticky and will burn.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide (CO). Nitrous gases (NO <sub>x</sub> ). Ketones. Aldehydes. Organic compounds.

#### **5.3. Advice for firefighters**

## PIG Water Activated Flood Sacks and Booms

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. If product is used: Do not touch or walk into spilled material. Spillage may not be fully absorbed.
<b>Special protective equipment for firefighters</b>	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**

<b>Personal precautions</b>	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**

<b>Environmental precautions</b>	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**

<b>Methods for cleaning up</b>	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**

<b>Reference to other sections</b>	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**

<b>Usage precautions</b>	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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<b>Advice on general occupational hygiene</b>	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**

<b>Storage precautions</b>	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)**

<b>Specific end use(s)</b>	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/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): 4 mg/m<sup>3</sup> respirable dust

#### **8.2. Exposure controls**

## PIG Water Activated Flood Sacks and Booms

<b>Appropriate engineering controls</b>	If product is used: Provide adequate ventilation.
<b>Eye/face protection</b>	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.
<b>Hand protection</b>	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.
<b>Hygiene measures</b>	Wash hands thoroughly after handling. When using do not eat, drink or smoke.
<b>Respiratory protection</b>	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.
<b>Environmental exposure controls</b>	Do not allow any environmental contamination.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Outer material: Solid. Inner material: Powder.
<b>Colour</b>	Outer material: Black. Inner material: White.
<b>Odour</b>	Odourless.
<b>Odour threshold</b>	Not available.
<b>pH</b>	pH (diluted solution): 5.5 - 6.5 (1%)
<b>Melting point</b>	Outer material: 120 - 170°C
<b>Initial boiling point and range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	1.5
<b>Solubility(ies)</b>	Inner material: Slightly soluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not applicable.
<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	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 (CO<sub>2</sub>). Carbon monoxide (CO). Nitrous gases (NO<sub>x</sub>).

### **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 LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** 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

<b>Carcinogenicity</b>	Based on available data the classification criteria are not met.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - fertility</b>	Based on available data the classification criteria are not met.
<b>Reproductive toxicity - development</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	Based on available data the classification criteria are not met.
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Based on available data the classification criteria are not met.
<b>General information</b>	The product is not believed to present a hazard due to its physical nature.
<b>Inhalation</b>	No specific symptoms known. If casing has split: Dust may irritate the respiratory system.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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 LD<sub>50</sub>)** LD<sub>50</sub> 40000 mg/m<sup>3</sup>, 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 Annex II of MARPOL and the IBC Code** 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

<b>Abbreviations and acronyms used in the safety data sheet</b>	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 <sub>50</sub> : Lethal Concentration to 50 % of a test population. LD <sub>50</sub> : 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.
<b>General information</b>	This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.
<b>Revision comments</b>	This is the first issue.
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<b>Revision</b>	0
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