



SAFETY DATA SHEET

Pig-® Coalescing Filter

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-® Coalescing Filter

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

Identified uses Coalescing filter.

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

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Silicon dioxide	25 - <50%
CAS number: 7631-86-9	EC number: 231-545-4
Substance with National workplace exposure limits.	
Classification Not Classified	
Aluminium oxide	<40%
CAS number: 1344-28-1	EC number: 215-691-6
	REACH registration number: 01-2119529248-35-XXXX
Substance with National workplace exposure limits.	
Classification Not Classified	
Disodium oxide	<20%
CAS number: 1313-59-3	EC number: 215-208-9
Classification Skin Corr. 1B - H314 Eye Dam. 1 - H318	
Magnesium oxide	<5%
CAS number: 1309-48-4	EC number: 215-171-9
Substance with National workplace exposure limits.	
Classification Not Classified	
Quartz (SiO₂)	<3%
CAS number: 14808-60-7	EC number: 238-878-4
Classification STOT RE 1 - H372	

The full text for all hazard statements is displayed in Section 16.

Composition comments Composition refers to inner contents. Contained within a casing made of: Polypropylene copolymer.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	The comments refer to the product in its unused state.
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.

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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 Use fire-extinguishing media suitable for the surrounding fire.

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 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 (NO_x).

5.3. Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours.

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. If casing has split: Avoid inhalation of dust. Avoid contact with skin and eyes. Provide adequate ventilation.

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

Methods for cleaning up If product is unused: Collect spillage. 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

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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. Read and follow manufacturer's recommendations. If casing has split: Avoid handling which leads to dust formation. Avoid contact with skin and eyes.

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

Silicon dioxide

Long-term exposure limit (8-hour TWA): WEL 6 mg/m³ inhalable dust

Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m³ respirable dust

Aluminium oxide

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

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

Magnesium oxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ fume and respirable dust as Mg

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

Quartz (SiO₂)

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³ respirable dust

WEL = Workplace Exposure Limit

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

Aluminium oxide (CAS: 1344-28-1)

DNEL	Workers - Inhalation; Short term systemic effects: 15.63 mg/m ³ Workers - Inhalation; Long term local effects: 15.63 mg/m ³ General population - Oral; Long term systemic effects: 6.58 mg/kg/day
PNEC	Fresh water; 0.0749 mg/l STP; 20 mg/l

8.2. Exposure controls

Appropriate engineering controls Provide adequate ventilation.

Eye/face protection No specific eye protection required during normal use. If casing has split: Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.

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Hand protection	Hand protection not required. If casing has split: It is recommended that chemical-resistant, impervious gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.
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 dust is generated: Wear a suitable dust mask.
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	A white poly cartridge containing tan beads.
Colour	White.
Odour	Odourless.
Odour threshold	Not available.
pH	Not available.
Melting point	Not available.
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	Not available.
Solubility(ies)	Not known.
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.

9.2. Other information

Other information	No information required.
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SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	See the other subsections of this section for further details.
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10.2. Chemical stability

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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.

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

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.

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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.

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.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste product or used containers in accordance with local regulations

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

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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 EH40/2005 Workplace exposure limits.

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

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).
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.

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

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Classification procedures according to Regulation (EC) 1272/2008	Not classified.
Revision date	22/02/2019
Revision	1
Supersedes date	01/02/2015
SDS number	3910
SDS status	EN_GB_SDS_S147.pdf
Hazard statements in full	H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H372 Causes damage to organs through prolonged or repeated exposure if inhaled.

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.