SAFETY DATA SHEET
PIG® Coalescing Filter
According to Regulation (EU) No 453/2010

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.

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

1.4. Emergency telephone number
+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 and Chemical Hazards: Not classified.
- Human health: Not classified.
- Environment: Not classified.


The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements
Label In Accordance With (EC) No. 1272/2008
No pictogram required.

2.3. Other hazards
PBT/vPvB assessment: Not relevant

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>SILICON DIOXIDE</td>
<td>7631-86-9</td>
<td>231-545-4</td>
<td>Not classified.</td>
<td>Not classified.</td>
</tr>
</tbody>
</table>
PIG® Coalescing Filter

ALUMINIUM OXIDE 30-60%

CAS-No.: 1344-28-1 EC No.: 215-691-6

Substance with National workplace exposure limits.

Classification (EC 1272/2008) Classification (67/548/EEC)
Not classified. Not classified.

MAGNESIUM OXIDE 1-5%

CAS-No.: 1309-48-4 EC No.: 215-171-9

Substance with National workplace exposure limits.

Classification (EC 1272/2008) Classification (67/548/EEC)
Not classified. Not classified.

QUARTZ 1-5%

CAS-No.: 14808-60-7 EC No.: 215-171-9

Classification (EC 1272/2008) Classification (67/548/EEC)
STOT RE 2 - H373 Xn;R48/20.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments
Composition refers to inner contents. Contained within a casing made of: Polypropylene copolymer (CAS 9010-79-9)

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.

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 noted.

Ingestion
No specific symptoms noted.

Skin contact
The molten product can cause serious burns.

Eye contact
No specific symptoms noted.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media
Extinguishing media
Use fire-extinguishing media appropriate for surrounding materials.

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

Hazardous combustion products
In case of fire, toxic gases (CO, CO2, NOx) may be formed.

Unusual Fire & Explosion Hazards
When heated polypropylene will become very sticky and will burn.

Specific hazards
In case of fire, toxic gases (CO, CO2, NOx) may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures
Avoid breathing fire vapours.

Protective equipment for fire-fighters
Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures
For personal protection, see section 8. If container has ruptured and contents are released: Avoid inhalation of dust. Avoid contact with skin and eyes. Provide adequate ventilation.

6.2. Environmental precautions
Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up
If product is unused: Recover the product and place in a suitable container for reuse. If container has ruptured and contents are released: Sweep up spilled substance and remove to safe place. Wear necessary protective equipment. Transfer to a container for disposal. For waste disposal, see section 13.

6.4. Reference to other sections
For personal protection, see section 8. See section 11 for more detailed information on health effects and symptoms. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling
Follow manufacturers directions for use carefully. If casing has split: Avoid handling which leads to dust formation. Observe occupational exposure limits and minimise the risk of inhalation of dust. Avoid contact with skin and eyes.

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

7.3. 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

<table>
<thead>
<tr>
<th>Name</th>
<th>STD</th>
<th>TWA - 8 Hrs</th>
<th>STEL - 15 Min</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALUMINIUM OXIDE</td>
<td>WEL</td>
<td>10 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MAGNESIUM OXIDE</td>
<td>WEL</td>
<td>10 mg/m³</td>
<td></td>
<td>as Mg</td>
</tr>
<tr>
<td>QUARTZ</td>
<td>WEL</td>
<td>0,1 mg/m³</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SILICON DIOXIDE</td>
<td>WEL</td>
<td>2.4mg/m³ (resp.dust)</td>
<td>6mg/m³ (inh.dust)</td>
<td></td>
</tr>
</tbody>
</table>

WEL = Workplace Exposure Limit.
8.2. Exposure controls

Engineering measures
Provide adequate ventilation.

Respiratory equipment
Respiratory protection not required. If dust generated: Wear suitable dust mask.

Hand protection
Hand protection not required. If container has ruptured and contents are released: Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection
Eye protection not required during normal use. If container has ruptured and contents are released: Use tight fitting goggles if dust is generated.

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

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.

Odour
Odourless.

Solubility
Not determined.

Initial boiling point and boiling range (°C)
Not relevant

Melting point (°C)
Not determined.

Relative density
Not determined.

Vapour density (air=1)
Not relevant

Vapour pressure
Not relevant

Evaporation rate
Not relevant

pH-Value, Conc. Solution
Not relevant

Viscosity
Not relevant

Decomposition temperature (°C)
Not determined.

Odour Threshold, Lower
Not determined.

Odour Threshold, Upper
Not determined.

Flash point (°C)
Not determined.

Auto Ignition Temperature (°C)
Not determined.

Flammability Limit - Lower(%)
Not determined.

Flammability Limit - Upper(%)
Not determined.

Partition Coefficient (N-Octanol/Water)
Not relevant

Explosive properties
Not considered to be explosive.

Oxidising properties
Not relevant
9.2. Other information
Not known.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Reaction with: Strong oxidising substances. Halogenated hydrocarbons.

10.2. Chemical stability
Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions
Not known.

Hazardous Polymerisation
Will not polymerise.

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

10.5. Incompatible materials

Materials To Avoid
Strong oxidising substances. Halogenated hydrocarbons.

10.6. Hazardous decomposition products
None under normal conditions. In case of fire, toxic gases (CO, CO2, NOx) may be formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information
This product is not considered as hazardous to health due to it’s physical form.

Acute toxicity:

Acute Toxicity (Oral LD50)
Not determined.
Based on available data the classification criteria are not met.

Acute Toxicity (Dermal LD50)
Not determined.
Based on available data the classification criteria are not met.

Acute Toxicity (Inhalation LC50)
Not determined.
Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:
Not irritating.

Serious eye damage/irritation:
Not irritating.

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

Germ cell mutagenicity:

Genotoxicity - In Vitro
Not determined.
Based on available data the classification criteria are not met.

Carcinogenicity:
Carcinogenicity
Not determined.
Based on available data the classification criteria are not met.
Reproductive Toxicity:
Reproductive Toxicity - Fertility
Not determined.
Based on available data the classification criteria are not met.

Specific target organ toxicity - repeated exposure:
STOT - Repeated exposure
Not determined.
Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard:
Not relevant, due to the form of the product.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity
The comments refer to the product in its unused state. Not regarded as dangerous for the environment.

12.1. Toxicity
Acute Fish Toxicity
Not considered toxic to fish.

12.2. Persistence and degradability
Degradability
Not relevant, due to the form of the product.

12.3. Bioaccumulative potential
Bioaccumulative potential
Not relevant, due to the form of the product.
Partition coefficient
Not relevant

12.4. Mobility in soil
Mobility:
Not considered mobile.

12.5. Results of PBT and vPvB assessment
Not relevant

12.6. Other adverse effects
Do not allow to enter drains, sewers or watercourses.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General
The product is not covered by international regulation 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)
Transport Labels
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 MARPOL73/78 and the IBC Code
Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Approved Code Of Practice
Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes
Workplace Exposure Limits EH40.

EU Legislation

15.2. Chemical Safety Assessment
No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

General information
This product does not require a Safety Data Sheet. A Safety Data Sheet is provided for information purposes only.

Revision Date 02-2015

Safety Data Sheet Status EN_GB_SDS_S147.pdf

Risk Phrases In Full
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
NC Not classified.

Hazard Statements In Full
H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure.