SAFETY DATA SHEET
According to European Commission Regulation (EU) 2020/878

PCP
Version: 06: 14 January 2026

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1 Product Identifier

Trade name : PCP (All Versions)

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

Use of the Substance / Mixture : Purging compound for cleaning plastics processing equipment

1.3 Details of the supplier of the safety data sheet

Company	**Telephone**	**Registration No.**
Aquapurge Ltd Unit 2, Argent Trade Park, Pump Lane, Hayes, Middlesex UB3 3NB Telephone: 020 8813 7990	+44(0) 20 8813 7990	3463169
		Email address enquiries@aquapurge.com

1.4 Emergency telephone number

Responsible Department : +44 (0) 7850 852 872

Aquapurge Office : +44(0) 20 8813 7990

Contact NHS Direct : phone 0845 46 47 or 111. Open 24/7

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No. 1272/2008)

Not a hazardous substance or mixture

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture

2.3 Other hazards

If small particles are generated during further processing, handling or by other means, may form combustible dust concentrations in air

This substance / mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or vary persistent and very bioaccumulative (vP vB) at levels 0.1% or higher

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not Applicable

3.2 Mixture

Description
- Chemical Purging Compound

Dangerous Components
- Contains no Substance of Very High Concern (SVHC) above 0.1% w/w

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice
- Take proper precautions to ensure your own health and safety before attempting to rescue and providing first aid
- In all cases of doubt or when symptoms persist, seek medical advice

Inhalation
- Move person to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion
- If symptoms persist, call a physician

Eye contact
- Remove contact lenses
- In case of raw material contact with eyes, rinse immediately with plenty of water and if eye irritation persists seek medical advice
- Keep eye wide open while rinsing
- In case of eye contact with molten polymer, continuously flush eye(s) with cool running water for at least 15 minutes. Beyond flushing **DO NOT** attempt to remove the material adhering to the eye(s)
- Immediately seek medical attention

Skin contact
- Wash off immediately with plenty of water and soap
- Following contact with melted product, quickly cool affected skin area with water. Do not attempt to remove the congealed product from skin
- Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.

Ingestion
- Clean mouth with water and drink plenty of water afterwards
- Do not give milk or alcoholic beverages
- Do not induce vomiting

Never give anything by mouth to an unconscious person

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media
SMALL FIRE
- Use Carbon Dioxide (CO_2), Dry Powder, Water Spray

LARGE FIRE
- Use water spray hose nozzles from a safe location

UNSUITABLE EXTINGUISHING MEDIA
- None known

5.2 Special hazards arising from the substance or mixture

Specific hazards during Firefighting
- Keep away from heat and sources of ignition
- In case of fire hazard decomposition products may be produced such as, Carbon Monoxide, Carbon Dioxide and unburned hydrocarbons (smoke)

5.3 Advice for firefighters

Special protective equipment for fire-fighters
- In the event of fire, wear self-contained breathing apparatus.
- Use personal protective equipment

Further information
- Combustible particulate solid will decompose under fire conditions
- Calorific value: 8000 – 11000 kcal/kg
- Fight fire from safe distance with hose lines or monitor nozzles
- Heat from fire may melt, decompose polymer, and generate flammable vapours
- Move containers from fire area if it can be done without risk. Evacuate immediately in the event of opening of storage container pressure relief devices or discoloration of container

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

- Equip responders with proper protection
- Equip emergency responders with proper personal protective equipment (PPE)
- Avoid dust formation
- Avoid dispersal of dust in the air (i.e. clearing dust surfaces with compressed air)
- Potential combustible dust hazard
- Polymer particles create slipping hazard on hard smooth surfaces.

6.2 Environmental precautions

Environmental precautions

- Do not flush into surface or sanitary sewer system
- Do not allow uncontrolled leakage of product into the environment

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up

- Remove mechanically, placing in appropriate containers for disposal
- Avoid generation of dust
- Vacuum with equipment that avoids ignition risk
- All recovered material should be packaged, labelled, transported and disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices
- Reclaim where possible

6.4 Reference to other sections

- Disposal Considerations: Refer section 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling

- Material is in smooth and rough granule form
- Avoid dust accumulation in enclosed space
- Avoid generating dust; fine dust suspended in air and in the presence of an ignition source is a potential dust explosion hazard
- Remove all sources of ignition
- Static discharge (spark), or other ignition sources in high dust environments may ignite the dust and result in a dust explosion
- Electrostatic charge may build up during conveying or handling
- Equipment handling product should be conductive and grounded (earthed) and bonded
- Metal containers involved in the transfer of this material should be grounded and bonded
- All electrical equipment should conform to applicable electric codes and regulatory requirements for areas handling combustible dusts
- After handling, always wash hands thoroughly with soap and water
- When bringing the material to processing temperatures vapours may develop may condense in the exhaust ventilation. See section 10

Hygiene measures

- Do not eat, drink or smoke when using the product
- Wash hands before breaks and at the end of work

Firefighting class

- Product will burn but does not easily ignite

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Ingredients with workplace control parameters

PCP

	Value	Update	Basis
Materials that can be formed when handling this product: Non- specified (inert or nuisance) dust	<14.4 mg/m3 inhalable	2020	EH40 WEL
Materials that can be formed when handling this product: Non- specified (inert or nuisance) dust	<4.8 mg/m3 dermal	2020	EH40 WEL

8.2 Exposure controls

Appropriate engineering controls
- Follow the recommendations in the international standard NFPA 654 (as amended and adopted) for equipment used to handle this product
- Engineering controls, i.e. enclosed systems, should be used whenever feasible to maintain exposures below acceptable criteria. When such controls are not feasible, or sufficient to achieve full conformance, other engineering controls

Personal protective equipment

Respiratory protection
- Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits
- When workers are facing concentrations above the exposure limit they must use appropriate certified respirators
- Use appropriate respiratory protection where atmosphere exceeds recommended limits
- Where workers could be exposed to dust concentrations above the exposure limit they must use appropriate certified respirators

Eye protection
- Dust service goggles should be worn to prevent mechanical injury or other irritation to eyes due to airborne particles which may result from handling this product
- Face mask should be worn when purging or dismantling equipment

Hand protection
- For prolonged or repeated contact use protective gloves
- Wear gloves that provide thermal protection where there is a potential for contact with heated material

Skin and body protection
- Wear suitable protective clothing

Hygiene measures
- Selection of appropriate personal protective equipment should be based on an evaluation of the performance characteristics of the protective equipment relative to the task(s) to be performed, conditions present, duration of use, and the hazards and / or potential hazards that may be encountered during use
- Use good personal hygiene practices
- Wash hands before eating, drinking, smoking, or using toilet facilities
- Take off contaminated clothing and wash before reuse

Environmental exposure controls
General advice - See section 6

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	: Rough and smooth granules
Colour	: White
Odour	: Slight
Melting point / freezing point	: 50 - 170°C
Boiling point / boiling range	: Not applicable.
Flammability (solid, gas)	: Polymer will burn but does not easily ignite.
Lower explosion limit	: The minimum explosive concentration (MEC) for polymer dust varies according to particle size distribution
Upper explosion limit	: Not applicable.
Flashpoint	: > 340°C
Auto-ignition temperature	: > 350°C
Decomposition temperature	: > 450°C
pH	: 8.5 – 9.5, Concentration 100 g/l (20°C)
Viscosity, dynamic	: Not applicable.
Water solubility	: No Data Available
Partition coefficient	: No Data Available : n- octanol/water
Vapour pressure	: **Note**: Not applicable
Oxidizing properties	: Not considered an oxidizing agent
Density	: <1 g/cm3
Relative vapor density	: Not applicable

9.2.1 Information with Regard to Physical Hazard Classes

No additional information

9.2.2 Other Safety Characteristics

No additional information

10. STABILITY AND REACTIVITY

10.1 Reactivity

No known reactivity hazards

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reactions : Will not occur

10.4 Conditions to avoid

Conditions to avoid : Avoid contact with strong oxidizers, excessive heat, sparks or open flame

10.5 Incompatible materials

Materials to avoid : Material may be softened by some hydrocarbons

10.6 Hazardous decomposition products

Hazardous decomposition products - Carbon Monoxide, Carbon Dioxide and unburned hydrocarbons (smoke)

Thermal decomposition - Carbon Monoxide, olefinic and paraffinic compounds, trace amounts of organic acids, ketones, aldehydes and alcohols may be formed

Calorific value: 8000 – 11000 kcal/kg

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	
Acute oral toxicity	: Not classified or below 0.1% w/w
Acute inhalation toxicity	: Not classified or below 0.1% w/w
Acute dermal toxicity	: Not classified or below 0.1% w/w
Skin corrosion/irritation	: Not classified or below 0.1% w/w
Serious eye damage/eye irritation	: Not classified or below 0.1% w/w
Mechanical irritation is possible	
Respiratory or skin sensitization	: Not classified or below 0.1% w/w
Germ cell mutagenicity	: Not classified or below 0.1% w/w
Chronic toxicity	
Carcinogenicity	: Not classified or below 0.1% w/w
Reproductive toxicity	
Effects on fertility /	: Not classified or below 0.1% w/w
Effects on or via lactation	
Effects on Development	: Not classified or below 0.1% w/w
Systemic Target Organ Toxicant as specific target organ toxicant	: The substance or mixture is not classified (Single exposure)
Systemic Target Organ Toxicant as specific target organ toxicant	: The substance or mixture is not classified (Repeated exposure)
Aspiration Hazard	: Not classified or below 0.01% w/w

11.2.1 Endocrine Disrupting Properties

Endocrine Disrupting Properties	: Not classified or below 0.1% w/w

11.2.2 Information of Other Hazards

Information of Other Hazards	: No know significant effects or adverse health effects

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Ecotoxicology Assessment

Acute aquatic toxicity	: Not classified or below 0.1% w/w
Chronic aquatic toxicity	: Not classified or below 0.1% w/w

12.2 Persistence and degradability

Biodegradability	: Not expected to be biodegradable

12.3 Bioaccumulative potential

Bioaccumulation	: This material is not expected to bioaccumulate

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB).

12.6 Endocrine Disrupting Properties

Endocrine Disrupting Properties	: No know significant effects

12.7 Other adverse effects

Additional ecological information

- Ecotoxicity is expected to be minimal based on the low water solubility of polymers
- No data available on this product. However, birds, fish and other wildlife may eat the powder which may obstruct their intestinal tracts
- In solid state these minerals are a major part of the rocks of the earth's surface. They are dissolved in a natural state and indispensable part of the natural waters. These minerals are not biodegradable. Negative effects on the environment should therefore be excluded. Restrictions may be indicated that concentrated suspensions these minerals in natural waters may have an unfavourable effect on water organisms (disturbance of the micro flora and -fauna in the sediment and subsequent detriment to the existence of higher water organisms)

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment methods Product

: All recovered material should be packaged, labelled, transported and disposed of or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices. Reclaim where possible. Recycle if possible

13.2 Relevant provisions relating to waste

:The allocation of waste identity numbers / waste descriptions must be carried out according to the EEC, specific to the industry and process

13.3 Packaging disposal

Contaminated packaging	: Dispose of as special waste in compliance with Local and National regulations

14. TRANSPORTATION INFORMATION

14.1 UN Number	: None
14.2 UN Proper shipping name	: Not Applicable
14.3 Transport hazard classes	: It is not classed as hazardous substance under current transportation regulations
14.4 Packing Group	: It is not classed as hazardous substance under current transportation regulations
14.5 Environmental hazards	: It is not classed as hazardous substance under current transportation regulations
14.6 Special precautions for user	: None required
14.7 Maritime transport in bulk according to IMO instruments	: Not applicable

15. REGULATORY INFORMATION

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

REACH status

We confirm that the chemical mixture in this product is in compliance with EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878"

Regulation (EC) No 689/2008 of the European Parliament and the Council concerning the export and import of dangerous chemicals
- not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).
- not applicable

REACH - List of substances subject to authorisation (Annex XIV)
- not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer - Annex I Controlled substances covered
- not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants
- not applicable Water contaminating class (Germany)
- not water endangering
- 15.2 Chemical safety assessment
- No information available

16. OTHER INFORMATION

Disclaimer

Multiple legal entities and registration numbers may be displayed in Section 1.
The Recipient shall refer to the shipping documents to identify the legal entity that supplied this product.

This document is generated for the purpose of distributing health, safety, and environmental data.
Information is correct to the best of our knowledge at the date of the SDS publication.
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The presentation of numerical data, such as that used for physical and chemical properties and toxicological values, is expressed using a comma (,) to separate digits into groups of three and a period (.) as the decimal marker. For example, 1,234.56 mg/kg = 1 234,56 mg/kg.

Revisions

1.4	Emergency telephone number
2.1	Removal of old classification
2.2	Removal of repeated directive
6.4	Addition of section
8.2	Addition of sub numbering
9.1	Addition of Flash Point, Decomposition Temperature
9.1	Change to Physical State
9.1	Range changed to Freezing Point
11.1	Changed term Not classified to Not classified or below 0.1% w/w
11.2.1	Addition of Endocrine Disrupting Properties
11.2.2	Addition of Information of Other Hazards
12.6	Addition of Endocrine Disrupting Properties
13.1	Addition of section
14	Section reclassified

All headers amended from previous Regulation (EU) 2015/830 to new Regulation issued by the European Commission on 18.06.2020 (EU) 2020/878
This Regulation is also indicated in Section 15.1 – REACH Status

16	End of Safety Data Sheet added

WEL	Workplace Exposure Limits

End of Safety Data Sheet