

Material Safety Data Sheet

In accordance with EG regulation No 1907/2006 (REACH)

PBS150 Granular "Granular surfactant"

Date: 03.08.2021 / PR.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

1.1

Trade name PBS150 Granular

1.2

Relevant identified use. Professional use

1.3

Supplier details

Aqua-Aid Europa B.V

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Netherlands

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✉ info@aquaid.eu

2. Hazards identification

2.1.

Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

2.2 Labelling elements

Labelling elements according to Regulation (EC) No 1272/2008

Not required

2.3 Other dangers

Not relevant

Results of PBT- and vPvB-assessment

This mixture does not contain any substances considered to be vPvB substances after evaluation

For this product, it is not legally required to provide a safety data sheet under Article 31 of the REACH Regulation, as the product is not classified as hazardous under the CLP Regulation. This safety data sheet has been prepared as a voluntary additional service to provide general safety information.

3. COMPOSED PRODUCT

3.1

Chemical nature

The product does not contain any substances classified according to the supplier's current knowledge that contribute to the classification of the product and should therefore be mentioned in this section.

This product does not meet the criteria for classification as one of the hazard classes in accordance with GHS.

4. FIRST AID MEASURES

Inhalation	Move to fresh air. In case of irregular breathing or breathlessness, seek medical advice immediately and administer first aid. In case of irritation of the respiratory tract, seek medical advice.
In case of skin contact	Wipe off any loose particles from the skin. Wash with plenty of water and soap. In the event of skin irritation or a rash, consult a doctor.
In case of eye contact	Do not rub eyes. mechanical stress of causing damage to the cornea. Rinse with clean, flowing water for at least 15 minutes while keeping eyelids open. Remove contact lenses, if possible. Continue rinsing. Consult a physician if eye irritation persists.
Ingestion	Rinse mouth with water (only if the person is conscious). If you feel unwell, call a poison control centre or doctor.

5. FIRE-FIGHTING MEASURES

Suitable fire extinguishing media	Use dry chemical, CO2 water spray (fog) or foam. Use an extinguishing agent suitable for the surrounding fire.
Non suitable media	Do not use water jet.
Special exposure hazards	In case of fire and/or explosion do not breathe fumes. Adapt fire-fighting measures to the surrounding area. Do not allow extinguishing water to flow into the sewage system or surface water. Collect contaminated firefighting water separately. Extinguish with normal precautions from a reasonable distance.
Against fire and explosions	Observe normal precautions for handling chemicals protection see also §8

6. ACCIDENTAL RELEASE MEASURES

Environmental precaution	Make sure that the product does not end up in the environment undiluted. Do not drain into sewers or public waters.
Methods for cleaning up	Recover spilled material as much as possible in a clean container for reuse. Large amounts of spilled product must be collected with a squeegee and disposed of as chemical waste according to applicable regulations. Rinse away remainder with water.
Personal precaution	For people other than emergency services: move persons to safety and ventilate affected area. For emergency services: wear respiratory equipment when exposed to vapours/dust particles/aerosols/gases. Use the necessary personal protective equipment.

7. HANDLING AND STORAGE

Handling	Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original bag or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse bag.
Fire and explosion protection	No specific recommendations

Storage

Store in accordance with local regulations. Store in original bag protected from any direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials, food and drink. Keep away from frost. Store locked up. Keep bag tightly closed and sealed until ready for use. Bags that have been opened must be carefully resealed and kept upright to prevent spillage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection
Hand

Chemical-resistant, impervious gloves complying with an approved standard (EN 374) should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Don't swallow or inhale.

Respiratory

Use a properly fitted, particulate filter respirator complying with an approved standard (EN 136/140) if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: Wear MSHA/NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear.

Skin and body

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Recommended: Wear suitable coveralls to prevent exposure to the skin. Allow for rest periods to regenerate the skin. Preventive skin protection creams are recommended. Wash hands thoroughly after use.

Eyes

Safety eyewear complying with an approved standard (EN 166) should be used when a risk assessment indicates this is necessary to avoid exposure to mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side shields.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Solid
Colour	Tan
Odour	Neutral
pH	About 5 - 9
Density at 20°C	0.648 g/cm ³
Flashpoint	Not relevant
Self-ignition temperature	This product is flammable, but will not catch on fire easily
Solubility in water	Good

10. STABILITY AND REACTIVITY

Stability	The product is stable
Conditions to avoid	There are no specific conditions that need to be avoided
Materials to avoid	Reactive or incompatible with the following materials: strong oxidizing materials, alkalis, acids.
Hazardous decomposition products	No dangerous decomposition products known

11. TOXICOLOGICAL INFORMATION

This mixture does not meet the criteria for classification according to Regulation No 1272/2008/EC.

12. ECOLOGICAL INFORMATION

Toxicity	cannot to be classified as dangerous for the aquatic environment
Persistence and degradability	no data available
Bioaccumulation	no data available
Mobility in the soil	no data available
Endocrine disrupting properties	none of the ingredients are listed
Other damaging effects	no data available

13. DISPOSAL CONSIDERATIONS

Product

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Packaging

Cleaned empty packaging (including labels and caps) of this product is fully recyclable. Empty (and cleaned) packaging may be collected selectively for recycling according to national or local waste legislation. Uncleaned packaging should be disposed of as chemical waste.

14. TRANSPORT INFORMATION

Project is not subject to transport guidelines.

ADR : Not dangerous goods **RID** : Not dangerous goods
IMDG: Not dangerous goods **IATA** : Not dangerous goods

15. REGULATORY INFORMATION

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

Relevant EU provisions

Restrictions on REACH; none listed.

List of substances subject to authorisation (REACH)/SVHC: none of the ingredients are listed.

Seveso Directive

2012/18/EU (Seveso III): not allocated

none of the ingredients are listed for PRTR, WFD, POP and the Regulation (EU) 2019/1147 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors, amending Regulation (EC) No 1907/2006 and repealing Regulation (EU) No 98/2013

16. OTHER INFORMATION

The information from this document should be announced to anyone working with this product. This information only concerns the above-mentioned product and does not need to be valid if used with other product(s) or in any process. This document contains important information regarding a safe disposal, handling and use of this product. The information is to our best present knowledge correct and complete and is given in good faith but without any warranty. It remains to the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product. This product should not be used as a plant protection product for full definition see the Regulation (EU) 1107/2009. The manufacture accepts no liability for any impairment and damage caused by improper use of this product because we cannot control the transportation, storage and application of the goods supplied by us. Each user/buyer is personally responsible for the application of this product, it can legally be regulated differently in each country.