

Persil Professional Performance Biological Tablets

Revision Date: 2011-05-12

1. Identification of the substance/preparation and of the company/undertaking

Product name: Persil Professional Performance Biological Tablets

Recommended use: Professional fabric washing product.

Manufacturer, importer, supplier:

Diversey Ltd, Weston Favell Centre Northampton NN3 8PD Tel 01604 405311 Fax 01604 406809

Information department:

Regulatory Email: MSDSinfoUK@diversey.com

Emergency telephone number:

For medical or environmental emergency only, call 0800 052 0185

2. Hazards identification

Classification: The product is "non-dangerous" according to the classification system of current EC guidelines on dangerous substances and preparations and corresponding national legislation

Further indications on the label:

Rinse and dry hands after use. For prolonged contact, protection for the skin may be necessary.
Safety data sheet available for professional user on request.

3. Composition/information on ingredients

Description: Mixture of non-dangerous ingredients and substances listed below.

Ingredient(s)	EC number	CAS number	Classification	Weight %
sodium percarbonate	239-707-6	15630-89-4	Xn,O; R8-22-41	5-15
sodium alkylbenzenesulphonate	290-656-6	90194-45-9	Xn; R22-38-41	5-15
sodium carbonate	207-838-8	497-19-8	Xi; R36	< 5
alkyl alcohol ethoxylate	Polymer*	68131-39-5	Xi,N; R41-50	< 5
cellulose	232-674-9	9004-34-6	-	< 5
alkyl alcohol ethoxylate	Polymer*	68131-39-5	Xn,N; R22-41-50	< 5
calcium/sodium ethylenediaminetetra(methylenephosphonate)	287-370-9	85480-89-3	Xi; R36/38	< 5

* Polymer.

For the full text of the R phrases mentioned in this Section, see Section 16.

Occupational Exposure Limit(s), if available, are listed in Section 8.

4. First aid measures

Inhalation:

Remove from source of exposure. If discomfort persists, obtain medical attention.

Skin contact:

Not required under normal use. Immediately wash off with plenty of water. If irritation develops get medical attention.

Eye contact:

Wash off immediately with plenty of water. Get medical attention.

Ingestion:

Remove material from mouth. Immediately drink 1-2 glasses of water or milk. If large amounts swallowed or symptoms develop, get medical attention.

5. Fire-fighting measures

Suitable extinguishing media:

Carbon dioxide. Dry powder. Water spray jet. Fight larger fires with water spray jet or alcohol-resistant foam.

Special protective equipment for firefighters:

As in any fire, wear self contained breathing apparatus and suitable protective clothing including gloves and eye/face protection.

6. Accidental release measures

Personal precautions: No special measures required.
Environmental precautions: Do not allow to enter drainage system, surface or ground water.
Methods for cleaning up: Collect mechanically. Dispose of the collected material according to national or local regulations.

Note: See Section 8 for personal protective equipment and Section 13 for waste disposal

7. Handling and storage

Handling

Advice on safe handling: Handle in accordance with good industrial hygiene and safety practice. Do not mix with other products unless advised by Diversey.
Prevention of fire and explosion: No special precautions required.

Storage

Requirements for storage rooms / facilities: In accordance with local and national regulations.
Combined storage in storage rooms / facilities: No special measures required.
Storage conditions: Store in original container.

8. Exposure controls/personal protection

Exposure limits

Ingredient(s)	CAS number	UK - Long term value(s)	UK - Short term value(s)	EU - Long term value(s)	EU - Short term value(s)	Weight %
cellulose	9004-34-6	10 mg/m ³ 4 mg/m ³	20 mg/m ³ 12 mg/m ³			< 5

General protective and hygienic measures: Handle in accordance with good industrial hygiene and safety practice.

Personal Protective Equipment

Respiratory protection: No special requirements under normal use conditions.
Hand protection: Rinse and dry hands after use. For prolonged contact protection for the skin may be necessary.
Eye Protection: No special requirements under normal use conditions.
Skin and body protection: No special requirements under normal use conditions.

9. Physical and chemical properties

General Information

Physical State: Solid
Appearance: Tablets
Colour: White Blue
Odour: Perfumed

Important Health Safety and Environmental Information

Boiling point/range (°C): Not determined
Flash point (°C): Not applicable
Flammability: Not flammable.
Explosive properties: Not explosive.
Oxidising properties: Not oxidising.
Solubility in / Miscibility with Water: Soluble

10. Stability and reactivity

Conditions to avoid: No decomposition if stored and applied as directed.
Materials to avoid: None known under normal use conditions.
Hazardous decomposition products: None known under normal storage and use conditions.

11. Toxicological information

Acute effects and sensitisation

Acute toxicity: This product has not been tested on animals but based on the toxicological classification the LD50 (oral) is estimated to be > 2000 mg/kg.

Skin contact:	Unlikely to be irritant in normal use.
Eye contact:	Can cause irritation.
Inhalation:	Unlikely to be irritant or harmful in normal use.
Ingestion:	Unlikely to be harmful unless excessive amount ingested.
Sensitization:	No known effects.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): No known effects.

Repeated dose toxicity: No known effects.

Additional toxicological information: The product is not subject to labelling requirements for toxicological properties or human health effects according to the classification system of current EC guidelines and corresponding national legislation. When used and handled according to instructions, the product is unlikely to have any harmful effects.

12. Ecological information

General Information: This product is not subject to labelling requirements for environmental effects according to the classification system of current EC guidelines and corresponding national legislation. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

13. Disposal considerations

Product

Waste from residues / unused products: Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.
European Waste Catalogue: 20 01 30 - detergents other than those mentioned in 20 01 29.

Empty packaging

Recommendation: Dispose of observing national or local regulations.

14. Transport information

ADR/RID

Class: -

IMO/IMDG

Class: -

ICAO/IATA

Class: -

Additional Information: Non-dangerous according to above regulations

15. Regulatory information

Ingredients according to EC Detergents Regulation 648/2004

anionic surfactants, non-ionic surfactants, oxygen-based bleaching agents, zeolites
 phosphonates, soap
 perfumes, optical brighteners, enzymes, Butylphenyl Methylpropional

5 - 15%
 < 5%

16. Other information

The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract

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Text of R phrases mentioned in Section 3:

- R 8 - Contact with combustible material may cause fire.
- R41 - Risk of serious damage to eyes.
- R22 - Harmful if swallowed.
- R38 - Irritating to skin.
- R36 - Irritating to eyes.
- R50 - Very toxic to aquatic organisms.
- R36/38 - Irritating to eyes and skin.

MSDS code: MS1000270

Internal code: 01

End of Safety Data Sheet