

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Perform No Change Service!

Version 02.01

Revision Date 20.05.2010

Print Date 20.05.2010

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

Product information

Trade name : Perform
Producer/Supplier : Schülke & Mayr GmbH
Robert-Koch-Str. 2
22851 Norderstedt
Germany
Telephone: +4940521000
Telefax: +494052100318
mail@schuelke.com
www.schuelke.com

Contact person : Application Department HI
+49 (0)40/ 521 00 544 (Schülke UK +44 114 254 3500)
pab@schuelke.com

Emergency telephone : +49 (0)40 / 52 100 –0

Application : Disinfectants, Biocidal product type: 2, Biocidal product type: 4

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

ICAO-Labels / Indication of danger:

Xi Irritant
R36/38 Irritating to eyes and skin.
R52 Harmful to aquatic organisms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : (Preparation)
Mixture with the following substances and non dangerous additives.

Components	CAS-No.	EC-No.	Symbol	R-phrase(s)	Concentration
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Pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8	274-778-7	C	R22, R34, R52	45 %
Sodium dodecyl sulphate	151-21-3	205-788-1	Xn	R20/22, R37/38, R41	5 - 15 %
Isodecanpolyethyleneglycol(11)ether	61827-42-7	Polymer	Xn	R22, R41	< 5 %
Sodium carbonate	497-19-8	207-838-8	Xi	R36	< 5 %

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

4. FIRST AID MEASURES

- General advice : If symptoms persist, call a physician.
Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Skin contact : Wash off immediately with plenty of water.
Ingestion : Obtain medical attention.

5. FIRE-FIGHTING MEASURES

- Special protective equipment for fire-fighters : No special precautions required.
Suitable extinguishing media : Water, Dry powder, Foam, Carbon dioxide (CO₂)
Extinguishing media which shall not be used for safety reasons : No information available.
Specific risk from the substance or the product itself, its combustion products or evolved gases : Formation of oxygen and mildly acidic benzoic acid vapour., Fire may cause evolution of: Carbon monoxide, Carbon dioxide (CO₂), Sulphur compounds

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Avoid dust formation.
Environmental precautions : Do not flush into surface water.
Methods for cleaning up : Use mechanical handling equipment.

7. HANDLING AND STORAGE

Handling

- Safe handling advice : Avoid dust formation.
Advice on protection against fire and explosion : The product itself does not burn, but it is slightly oxidising (active oxygen content ca. 2%). The product has been shown not to be oxidising in a test following Directive 67/548/EEC (Method A17, oxidising properties).

Storage

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- Requirements for storage areas and containers : Store at room temperature in the original container.
- Further information : **Keep container tightly closed. Store in a dry place. Do not store at temperatures above 30°C. Recommended storage temperature: 18 - 25°C**
- Advice on common storage : Keep away from food and drink.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

none

Personal protective equipment

- Hand protection : Prolonged contact: Nitrile rubber gloves e.g. Camatril (>480 Min.) or butyl rubber gloves e.g. Butoject (>480 Min.) made by KCL or gloves from other manufacturers offering the same protection.
- Eye protection : Safety glasses
- Hygiene measures : Keep away from food and drink.
- Protective measures : Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : granular
- Colour : white
- Odour : pleasant

Other data

- Bulk density : ca.775 kg/m³
- Water solubility : ca.20 g/l
at 20 °C
- pH : ca.3,8 at 7,5 g/l (20 °C)

10. STABILITY AND REACTIVITY

- Hazardous reactions : Slightly exothermic autodecomposition (> 130°C) if strongly heated
- Hazardous decomposition products : Oxygen

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50 rat 2430 mg/kg

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Skin irritation : rat, Moderate irritant
Test substance: 25% slurry in water
Eye irritation : rabbit, No eye irritation
Test substance: 1% solution

12. ECOLOGICAL INFORMATION

Biodegradability : Readily biodegradable.
Method: OECD 301D / EEC 84/449 C6
Chemical Oxygen Demand (COD) : 7100 mg/l
Test substance: 1% solution
Further information : The surfactant(s) contained in this mixture 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. Do not flush into surface water or sanitary sewer system.

13. DISPOSAL CONSIDERATIONS

Product : Can be incinerated or landfilled together with household waste in compliance with the regulations, and after consultation with the waste disposal services.
Contaminated packaging : Take empty packaging to the recycling plant.

14. TRANSPORT INFORMATION

Further information : Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

General advice : The product is classified and labelled in accordance with EC directives or respective national laws.

Symbol :



Xi
Irritant

R-phrase(s) : R36/38 Irritating to eyes and skin.
R52 Harmful to aquatic organisms.

S-phrase(s) : S26 In case of contact with eyes, rinse immediately with plenty of water and seek

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S28
medical advice.
After contact with skin, wash immediately with plenty of water.

Special labelling of certain mixtures : Labelling according to Regulation (EC) No. 648/2004:; 5 - 15 % anionic surfactants, < 5 % non-ionic surfactants, < 5 % soap, < 5 % phosphonates, perfumes
Further information : Use biocides safely. Always read the label and product information before use.

National legislation

Legislation on the control of major-accident hazards involving dangerous substances : Directive 96/82/EC does not apply
Volatile organic compounds (VOC) content : none, Directive 1999/13/EC on the limitation of emissions of volatile organic compounds
VOC-Content : none, Switzerland. VOC Ordinance, Annex II (Products)

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R20/22 Harmful by inhalation and if swallowed.
R22 Harmful if swallowed.
R34 Causes burns.
R36 Irritating to eyes.
R37/38 Irritating to respiratory system and skin.
R41 Risk of serious damage to eyes.
R52 Harmful to aquatic organisms.

The information given is only of use for possible safety requirements and is based on our actual knowledge. This information does not guarantee any properties. It is the responsibility of the receiver / user of our products to follow existing laws and regulations.

Changes compared with the previous edition!!!