

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

schülke -+

Perform sterile Conc PAA

No Change Service!

Version 01.01

Revision Date 30.09.2009

Print Date 28.10.2009

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

Product information

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

Producer : BIOXAL SA - AIR LIQUIDE Group
Route des Varennes - BP 72

71103 Chalon-sur-Saône Cedex
France
Telephone: + 33 (0) 3 85 92 30 00
Telefax: + 33 (0) 3 85 92 30 12

Emergency telephone : Emergency telephone number BIOXAL: + 33 (0) 3 85 92 30 30
Emergency telephone : Emergency telephone number ORFILA: + 33 (0) 1 45 42 59 59
Contact person : **Application Department**
+49 (0)40/ 521 00 544 (S&M UK +44 114 254 3500)
pab@schuelke.com

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

Application : Disinfectants, Biocidal product

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

ICAO-Labels / Indication of danger:

O Oxidising
C Corrosive
R 8 Contact with combustible material may cause fire.
R22 Harmful if swallowed.
R34 Causes burns.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : (Preparation)
Solution of the following substances with harmless additives.

Components	CAS-No.	EC-No.	Symbol	R-phrase(s)	Concentration
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Peracetic acid	79-21-0	201-186-8	O, C, N	R 7, R10, R20/21/22, R35, R50	5 - 6 %
Hydrogen peroxide	7722-84-1	231-765-0	C, O	R 5, R 8, R20/22, R35	20 - 30 %
Acetic acid	64-19-7	200-580-7	C	R10, R35	10 - 25 %

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

4. FIRST AID MEASURES

- General advice : Take off all contaminated clothing immediately. In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
- Eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician immediately.
- Skin contact : Wash off immediately with plenty of water. Call a physician immediately.
- Inhalation : Move the victim to fresh air and keep him calm. If symptoms persist, call a physician.
- Ingestion : Do NOT induce vomiting. Rinse mouth with water. Give small amounts of water to drink. Call a physician immediately.

5. FIRE-FIGHTING MEASURES

- Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.
- Suitable extinguishing media : Water spray jet, Foam, Dry powder
- Extinguishing media which shall not be used for safety reasons : Carbon dioxide (CO₂), High volume water jet
- Further information : Cool closed containers exposed to fire with water spray.
- Specific risk from the substance or the product itself, its combustion products or evolved gases : Fire may cause evolution of: Oxygen

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes. Do not breathe vapour. Remove all sources of ignition.
- Environmental precautions : Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.
- Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Unsuitable material for picking up: Absorbent material, organic. Kieselguhr Sawdust Keep in suitable, closed containers for disposal. Clean contaminated surface thoroughly. Flush with water.

7. HANDLING AND STORAGE**Handling**

- Safe handling advice : Provide sufficient air exchange and/or exhaust in work rooms. Handle and open container with care. Never return unused material to storage receptacle.
- Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking. Keep away from combustible material. May cause or intensify fire; oxidiser.

Storage

- Requirements for storage areas and containers : Keep only in the original container.
Suitable container and packaging materials for safe storage
Plastic container of HDPE
Polyethylene
glass
Unsuitable materials for containers
Metals
Store in a receptacle equipped with a vent.
Keep in a banded area.

- Further information : **Keep away from heat. Keep away from direct sunlight. Store in cool place. Do not keep the container sealed. Store in upright position only. Recommended storage temperature: 15 - 30°C**
- Advice on common storage : Do not store together with metals. Do not store together with alkalis. Do not store together with reducing agents. Do not store together with combustible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Additional technical information on the plant : Ensure that eyewash stations and safety showers are close to the workstation location.

Components with workplace control parameters

Components	CAS-No.	Value	Basis
Hydrogen peroxide	7722-84-1	MAK: 0,71 mg/m ³ MAK: 0,5 ppm	MAK
Acetic acid	64-19-7	MAK: 25 mg/m ³ MAK: 10 ppm	MAK

Personal protective equipment

- Respiratory protection : If the occupational exposure limits cannot be met, in exceptional cases suitable respiratory equipment should be worn only for a short period of time. Combination filter: A2B2E2K1P2
- Hand protection : Prolonged contact: Nitrile rubber gloves e.g. Camatril (>120 Min., Layer thickness: 0,40 mm) or butyl rubber gloves e.g. Butoject (>480 Min., Layer thickness: 0,70 mm) made by KCL or gloves from other manufacturers offering the same protection.
Splash protection: disposable nitrile rubber gloves e.g. Dermatril (Layer thickness: 0,11 mm) made by KCL or gloves from other manufacturers offering the same protection.
- Eye protection : Tightly fitting safety goggles, Face-shield
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.,

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Wear as appropriate:, Chemical resistant apron, Boots, Neoprene

Hygiene measures : When using do not eat or drink. Take off all contaminated clothing immediately.

Protective measures : Do not breathe vapour. Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid
Colour : colourless
Odour : pungent

Other data

Melting point/range : ca. < -26 °C
Boiling point/boiling range : ca. 105 °C
Flash point : not applicable
Autoignition temperature : not applicable
Lower explosion limit : Explosive properties, Not explosive
Vapour pressure : 21 hPa at ca.20 °C
Density : ca.1,11 g/cm³ at 20 °C
Water solubility : completely soluble
pH : ca.0 at 1.000 g/l (20 °C)

10. STABILITY AND REACTIVITY

Thermal decomposition : Self-Accelerating decomposition temperature (SADT) > 60 °C
To avoid thermal decomposition, do not overheat.

Materials to avoid : Strong acids and strong bases, Reducing agents, Acid chlorides, Aldehydes, Metals

Hazardous reactions : Stable up to 30°C

Hazardous decomposition products : Oxygen

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50 5000 mg/kg
Method: calculated

Further information : The product has not been tested. The classification was made according to the calculation procedure of the Preparations

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Directive. Description of possible hazardous to health effects is based on experience and/or toxicological characteristics of several components. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.

12. ECOLOGICAL INFORMATION

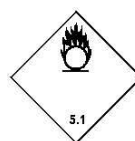
- Bioaccumulation : Remarks: This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).
- Further information : The product has not been tested. Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.

13. DISPOSAL CONSIDERATIONS

- Product : Dispose of the product according to the defined EWC (European Waste Code) No. Dispose of as hazardous waste in compliance with local and national regulations.
- Contaminated packaging : Take empty packaging to the recycling plant.
- Waste key for the unused product : EWC 160903
- Waste key for the unused product(Group) : peroxides, e.g. hydrogen peroxide

14. TRANSPORT INFORMATION

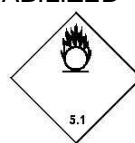
ADR : UN-Number 3149



Class 5.1
Classification Code OC1
Packaging group II
ADR/RID-Labels 5.1 + 8 + 11
ICAO-Labels 58
Description of the goods

HYDROGEN PEROXIDE AND
PEROXYACETIC ACID MIXTURE,
STABILIZED

IMDG : UN-Number 3149



Class 5.1
EmS F-H, S-Q

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Packaging group	II	
Marine pollutant	--	
Description of the goods		HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED
IATA	: UN-Number	3149
		  
Class	5.1	
Packaging group	II	
Description of the goods		HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

15. REGULATORY INFORMATION

Hazardous components:

- Peracetic acid
- Hydrogen peroxide

General advice : In the EU, this product falls under the Directive on biocide products 98/8/EC. The product is classified and labelled in accordance with EC directives or respective national laws.

Symbol :  

O Oxidising C Corrosive

R-phrases) : R 8 Contact with combustible material may cause fire.
R22 Harmful if swallowed.
R34 Causes burns.

S-phrases) : S 3/7 Keep container tightly closed in a cool place.
S14 Keep away from easily oxidizable materials.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S35 This material and its container must be disposed of in a safe way.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Further information : Use biocides safely. Always read the label and product information before use.

National legislation

Legislation on the control of : The product belongs to at least one of the categories 1 through

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major-accident hazards
involving dangerous
substances

11 mentioned in Annex 1 of the Directive 1996/82/EC
concerning the control of major accident hazards.

VOC-Content

: 0,1 kg/kg

Switzerland. VOC Ordinance, Annex II (Products), (Switzerland
only)

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R 5	Heating may cause an explosion.
R 7	May cause fire.
R 8	Contact with combustible material may cause fire.
R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R20/22	Harmful by inhalation and if swallowed.
R35	Causes severe burns.
R50	Very toxic 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!!!