

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Perform sterile Conc QB

No Change Service!

Version 02.01

Revision Date 25.07.2009

Print Date 06.01.2010

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

Product information

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

Contact person : Product / Application advice
+49 (0)40/ 521 00 666
pab@schuelke.com

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

Application : Only for professional use in industry and commerce.,
Disinfectants, Biocidal product type: 2

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

ICAO-Labels / Indication of danger:

C Corrosive
N Dangerous for the environment
R21/22 Harmful in contact with skin and if swallowed.
R34 Causes burns.
R43 May cause sensitization by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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SAFETY DATA SHEET

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Perform sterile Conc QB

No Change Service!

Version 02.01

Revision Date 25.07.2009

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Benzyl-C12-18-alkyldimethylammonium, chlorides	68424-85-1	270-325-2	C, N	R21/22, R34, R50	30 %
Propan-2-ol	67-63-0	200-661-7	F, Xi	R11, R36, R67	5 - 15 %
Poly(methylene), alpha,omega-bis[[[(aminoiminomethyl)amino]iminomethyl]amino]-, dihydrochloride	27083-27-8	Polymer	Xn, N	R22, R37/38, R41, R43, R50/53	3 %

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.
- Eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
- Skin contact : Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
- Inhalation : Move to fresh air. If symptoms persist, call a physician.
- Ingestion : Do NOT induce vomiting. Rinse mouth with water. Give small amounts of water to drink. Obtain medical attention.

5. FIRE-FIGHTING MEASURES

- Special protective equipment for fire-fighters : In the case of fire, wear respiratory equipment and full protective clothing.
- Suitable extinguishing media : Water spray jet, Dry powder, Foam, Carbon dioxide (CO₂)
- Extinguishing media which shall not be used for safety reasons : High volume water jet
- Specific risk from the substance or the product itself, its combustion products or evolved gases : Fire may cause evolution of: nitrogen oxides (NO_x), Gaseous hydrogen chloride (HCl), Carbon monoxide

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Increased risk of slipping in the presence of leaked / spilled product.
- Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
- Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

7. HANDLING AND STORAGE

Handling

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Perform sterile Conc QB

No Change Service!

Version 02.01

Revision Date 25.07.2009

Print Date 06.01.2010

- Safe handling advice : Prepare the working solution as given on the label(s) and/or the user instructions. Avoid formation of aerosol.
- Advice on protection against fire and explosion : No special protective measures against fire required.

Storage

- Requirements for storage areas and containers : Store at room temperature in the original container.
- Further information : Keep away from heat. Keep away from direct sunlight. Keep container tightly closed.
- Advice on common storage : Keep away from food and drink.

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
Propan-2-ol	67-63-0	AGW: 500 mg/m ³ AGW: 200 ppm	TRGS 900

Personal protective equipment

- Respiratory protection : Not required; except in case of aerosol formation. Respiratory protection complying with EN 141. Recommended Filter type: A
- Hand 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.
Prolonged contact: Nitrile rubber gloves e.g. Camatril (>480 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.
- Eye protection : Tightly fitting safety goggles
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place., Wear as appropriate:., Chemical resistant apron, Face-shield, Boots
- Hygiene measures : Keep away from food and drink.
- Protective measures : Avoid contact with skin and eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

- Form : liquid
- Colour : nearly colourless
- Odour : characteristic

Other data

SAFETY DATA SHEET

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schülke 

Perform sterile Conc QB

No Change Service!

Version 02.01

Revision Date 25.07.2009

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solidification range	:	< -5 °C
Flash point	:	ca.52 °C Method: DIN 51755 Part 1
Flammability	:	Does not sustain combustion.
Density	:	ca.0,99 g/cm ³ at 20 °C
Water solubility	:	at 20 °C in all proportions
pH	:	ca.3,6 at 1.000 g/l (20 °C)
Viscosity, dynamic	:	ca.15 mPa*s at 20 °C Method: ISO 3219

10. STABILITY AND REACTIVITY

Hazardous reactions	:	None reasonably foreseeable.
Hazardous decomposition products	:	None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

Further information	:	No data is available on the product itself. The classification was made according to the calculation procedure of the Preparations Directive. If ingested, severe burns of the mouth and throat, as well as a danger of perforation of the oesophagus and the stomach.
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12. ECOLOGICAL INFORMATION

Further information	:	The product has not been tested. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system.
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13. DISPOSAL CONSIDERATIONS

Product	:	Dispose of the product according to the defined EWC (European Waste Code) No.
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Perform sterile Conc QB

No Change Service!

Version 02.01

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Contaminated packaging : Take empty packaging to the recycling plant.

Waste key for the unused product : EWC 070601

Waste key for the unused product(Group) : Waste material of HZVA from fats, lubricants, soaps, detergents, disinfectants and personal protection products.



14. TRANSPORT INFORMATION

ADR : UN-Number 1903



Class 8
Classification Code C9
Packaging group III
ADR/RID-Labels 8 + N
ICAO-Labels 80
Description of the goods DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
(Benzyl-C12-18-alkyldimethylammonium, chlorides)

IMDG : UN-Number 1903

Class 8
EmS F-A, S-B
Packaging group III
Marine pollutant --
Description of the goods DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
(Benzyl-C12-18-alkyldimethylammonium, chlorides)

IATA : UN-Number 1903

Class 8
Packaging group III
Description of the goods DISINFECTANT, LIQUID, CORROSIVE, N.O.S.
(Benzyl-C12-18-alkyldimethylammonium, chlorides)

Further information : Not classified as supporting combustion according to the transport regulations.

15. REGULATORY INFORMATION

Hazardous components:

- Benzyl-C12-18-alkyldimethylammonium, chlorides

SAFETY DATA SHEET

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- Poly(methylene), alpha,omega-bis[[[(aminoiminomethyl)amino]iminomethyl]amino]-, dihydrochloride

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	:		
		C Corrosive	N Dangerous for the environment
R-phrase(s)	:	R21/22 R34 R43 R50/53	Harmful in contact with skin and if swallowed. Causes burns. May cause sensitization by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
S-phrase(s)	:	S26 S35 S36/37/39 S45 S61	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. This material and its container must be disposed of in a safe way. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Avoid release to the environment. Refer to special instructions/ Safety data sheets.
Further information	:	The product is classified in accordance with Annex VI (2.2.5) to Directive 67/548/EEC. Use biocides safely. Always read the label and product information before use.	
National legislation			
Volatile organic compounds (VOC) content	:	5 %	Directive 1999/13/EC on the limitation of emissions of volatile organic compounds
VOC-Content	:	0,05 kg/kg	Switzerland. VOC Ordinance, Annex II (Products)
Switzerland	:	Registration number: CHZN1054	

SAFETY DATA SHEET

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Perform sterile Conc QB

No Change Service!

Version 02.01

Revision Date 25.07.2009

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16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R11	Highly flammable.
R21/22	Harmful in contact with skin 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.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

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!!!