

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

perform sterile alc IPA

500 ml FL

No Change Service!

Version 01.00

Revision Date 22.12.2009

Print Date 25.10.2011

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

Product information

Trade name : perform sterile alc IPA 500 ml FL
Producer/Supplier : Schülke & Mayr GmbH
Robert-Koch-Str. 2
22851 Norderstedt
Germany
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Telefax: +494052100318
mail@schuelke.com
www.schuelke.com

Emergency telephone : +49 (0)40/ 521 00 -0
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 type: 2, Biocidal product type: 4

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Flammable.
Irritating to eyes.
Vapours may cause drowsiness and dizziness.
Repeated exposure may cause skin dryness or cracking.
Has a degreasing effect on the skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : (Preparation)
Alcoholic solution

Components	CAS-No.	EC-No.	Symbol	R-phrase(s)	Concentration
Propan-2-ol	67-63-0	200-661-7	F, Xi	R11, R36, R67	60 - 70 %

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

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least 15 minutes. Obtain medical attention.
Skin contact : Wash off with soap and water.
Inhalation : Move to fresh air.
Ingestion : Drink plenty of water. Do NOT induce vomiting. Obtain medical attention.

Notes to physician

Symptoms : Ingestion may provoke the following symptoms:, Central nervous system depression
Treatment : If ingested, irrigate the stomach using activated charcoal in addition. For specialist advice physicians should contact the Poisons Information Service.

5. FIRE-FIGHTING MEASURES

Special protective equipment for fire-fighters : No special precautions required.
Suitable extinguishing media : Water spray jet, Alcohol-resistant foam, Dry powder, Carbon dioxide (CO₂)
Extinguishing media which shall not be used for safety reasons : High volume water jet
Further information : Use water spray to cool unopened containers.
Specific risk from the substance or the product itself, its combustion products or evolved gases : Vapours may form explosive mixtures with air.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Ensure adequate ventilation. Remove all sources of ignition.
Environmental precautions : Do not flush into surface water or sanitary sewer system. Do not allow material to contaminate ground water system.
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

Safe handling advice : Provide sufficient air exchange and/or exhaust in work rooms. Provide exhaust ventilation close to floor level.
Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking. Vapours may form explosive mixtures with air. Take measures to prevent the build up of electrostatic charge.

Storage

Requirements for storage areas and containers : Store in original container. Keep containers tightly closed in a cool, well-ventilated place.
Further information : Keep away from direct sunlight. Keep at temperature not exceeding 25 °C.
Advice on common storage : Keep away from food and drink. Do not store together with oxidising agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Components	CAS-No.	Value	Basis
Propan-2-ol	67-63-0	WEL: 999 mg/m ³ WEL: 400 ppm	HSE
Propan-2-ol	67-63-0	WEL: 1.250 mg/m ³ WEL: 500 ppm	HSE

Personal protective equipment

- Respiratory protection : Ensure adequate ventilation, especially in confined areas. If the occupational exposure limits cannot be met, in exceptional cases suitable respiratory equipment should be worn only for a short period of time. Recommended Filter type: A Respirator with combination filter for vapour/particulate (EN 141).
- 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 (>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.
- Eye protection : Tightly fitting safety goggles
- Hygiene measures : Take off all contaminated clothing immediately. Keep away from food and drink.
- Protective measures : Avoid contact with skin and eyes. Do not breathe vapours or spray mist.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

- Form : liquid
- Colour : colourless
- Odour : alcohol-like

Other data

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Boiling point/boiling range	:	Propan-2-ol 82 - 83 °C Method: DIN 53171
Flash point	:	22 °C Method: DIN 51755 Part 1
Ignition temperature	:	Propan-2-ol 425 °C
Upper explosion limit	:	Propan-2-ol 12 %(V)
Lower explosion limit	:	Propan-2-ol 2 %(V)
Vapour pressure	:	Propan-2-ol ca.42 hPa at 20 °C
Density	:	ca.0,88 g/cm ³ at 20 °C
Water solubility	:	at 20 °C in all proportions

10. STABILITY AND REACTIVITY

Hazardous reactions	:	Vapours may form explosive mixture with air. Reaction with oxidising agents Exothermic reaction with strong acids.
Hazardous decomposition products	:	Stable under recommended storage conditions. Heating can release vapours which can be ignited.

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. Inhalation of high vapour concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.
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12. ECOLOGICAL INFORMATION

Biodegradability	:	Readily biodegradable.
Further information	:	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.
- Contaminated packaging : Take empty packaging to the recycling plant.
- Waste key for the unused product : EWC 070604
- 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	1219		
	Class	3		
	Classification Code	F1		
	Packaging group	II		
	ADR/RID-Labels	3 + 11		
	ICAO-Labels	33		
	Description of the goods	ISOPROPANOL, SOLUTION		
IMDG	: UN-Number	1219		
	Class	3		
	EmS	F-E, S-D		
	Packaging group	II		
	Marine pollutant	--		
	Description of the goods	ISOPROPANOL, SOLUTION		
IATA	: UN-Number	1219		
	Class	3		
	Packaging group	II		
	Description of the goods	ISOPROPANOL, SOLUTION		

15. REGULATORY INFORMATION

- 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.

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Symbol

:



Xi
Irritant

R-phrases(s)

:

R10
R36
R67

Flammable.
Irritating to eyes.
Vapours may cause drowsiness and
dizziness.

S-phrases(s)

:

S23
S24/25
S26

Do not breathe spray.
Avoid contact with skin and eyes.
In case of contact with eyes, rinse
immediately with plenty of water and seek
medical advice.
S51 Use only in well-ventilated areas.

National legislation

Legislation on the control of
major-accident hazards
involving dangerous
substances

:

The product belongs to at least one of the categories 1 through
11 mentioned in Annex 1 of the Directive 1996/82/EC
concerning the control of major accident hazards.

16. OTHER INFORMATION

Text of R-phrases mentioned in Section 3

R11 Highly flammable.
R36 Irritating to eyes.
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!!!