

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Desderman Gel **No Change Service!**

Version 01.03

Revision Date 23.03.2009

Print Date 05.01.2010

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

Product information

Trade name : Desderman Gel
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 : Disinfectants, Biocidal product type: 1

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Highly flammable.
Contact with the eyes can cause irritation.

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
Ethanol	64-17-5	200-578-6	F	R11	78,2 %
Propan-2-ol	67-63-0	200-661-7	F, Xi	R11, R36, R67	10 %

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 the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Inhalation : Move to fresh air.
Ingestion : Obtain medical attention.

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5. FIRE-FIGHTING MEASURES

- Special protective equipment for fire-fighters : No special precautions required.
- Suitable extinguishing media : Water, Alcohol-resistant foam, Dry powder, 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 : No special risks to be expected.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Ensure adequate ventilation. Remove all sources of ignition.
- Environmental precautions : No special environmental precautions required.
- 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 : Do not smoke.
- Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking. The hot product gives off combustible vapours.

Storage

- Requirements for storage areas and containers : Keep at temperature not exceeding 25 °C. Store at room temperature in the original container.
- Further information : Keep away from direct sunlight. Keep container tightly closed.
- Advice on common storage : Keep away from food and drink.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Basis
Ethanol	64-17-5	AGW: 960 mg/m ³ AGW: 500 ppm	TRGS 900
Propan-2-ol	67-63-0	AGW: 500 mg/m ³ AGW: 200 ppm	TRGS 900

Personal protective equipment

- Eye protection : If splashes are likely to occur, wear:., Safety glasses
- Hygiene measures : Keep away from food and drink.
- Protective measures : Avoid contact with eyes.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : highly viscous
Colour : light green
Odour : alcoholic

Other data

solidification range : < -5 °C
Initial boiling point : ca. 80 °C
Flash point : 16 °C
Method: DIN 51755 Part 1
Ignition temperature : Ethanol
400 °C
Upper explosion limit : Ethanol
15 %(V)
Lower explosion limit : Ethanol
3,1 %(V)
Vapour pressure : ca.50 hPa at 20 °C
Density : ca.0,83 g/cm³ at 20 °C
Water solubility : at 20 °C
in all proportions
Viscosity, dynamic : 600 - 900 mPa*s at 20 °C
Method: DIN 53019

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Biodegradability : Readily biodegradable.
Method: OECD 301D / EEC 84/449 C6

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Toxicity to bacteria : EC50 4000 mg/l
Method: OECD 209

Chemical Oxygen Demand (COD) : ca. 17500 mg/l
Test substance: 1% solution

Further information : Avoid subsoil penetration.

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 1987

Class 3
Classification Code F1
Packaging group II
ADR/RID-Labels 3 + 11
ICAO-Labels 33
Description of the goods ALCOHOLS, N.O.S. (Propan-2-ol, Ethanol)

IMDG : UN-Number 1987

Class 3
EmS F-E, S-D
Packaging group II
Marine pollutant --
Description of the goods ALCOHOLS, N.O.S. (Propan-2-ol, Ethanol)

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IATA : UN-Number 1987



Class 3
Packaging group II
Description of the goods ALCOHOLS, N.O.S. (Propan-2-ol, Ethanol)

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.

Symbol :

F

Highly flammable

R-phrase(s) : R11 Highly flammable.

S-phrase(s) : S 7/9 Keep container tightly closed and in a well-ventilated place.
S16 Keep away from sources of ignition - No smoking.

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 : 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.

Volatile organic compounds (VOC) content : 89 %
Directive 1999/13/EC on the limitation of emissions of volatile organic compounds

16. OTHER INFORMATION

Application : Information on uses can be found in a separate preparation / product brochure.

Text of R-phrases mentioned in Section 3

R11 Highly flammable.
R36 Irritating to eyes.
R67 Vapours may cause drowsiness and dizziness.

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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!!!