

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

**schülke** -+

**DESDERMAN N**

**No Change Service!**

Version 01.08

Revision Date 10.01.2008

Print Date 10.01.2008

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

### Product information

Trade name : DESDERMAN N  
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 : Medicinal products

## 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, Dry powder, Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>)
- 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 : The hot product gives off combustible vapours. Keep away from sources of ignition - No smoking.

**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 <sup>3</sup> AGW: 500 ppm	TRGS 900
Propan-2-ol	67-63-0	AGW: 500 mg/m <sup>3</sup> 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 : liquid  
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/cm<sup>3</sup> at 20 °C  
Water solubility : at 20 °C  
in all proportions  
pH : ca.6 at 1.000 g/l ( 20 °C)  
flow time : < 15 s at 20 °C  
Method: DIN 53211

**10. STABILITY AND REACTIVITY**

Hazardous reactions : Vapours may form explosive mixture with air.  
Hazardous decomposition products : None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity :  
Remarks: The toxicity of DESDERMAN N corresponds approximately to that of ethanol, 2-biphenylol, which is present at 0,1% in DESDERMAN N, has an oral toxicity of 2700mg/kg in rats.  
Skin irritation : No skin irritation

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## 12. ECOLOGICAL INFORMATION

- Biodegradability : Readily biodegradable.  
Method: OECD 301D / EEC 84/449 C6
- Toxicity to bacteria : EC50 4000 mg/l  
Method: OECD 209
- Further information : This product has no known eco-toxicological effects.

## 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. (Ethanol, Propan-2-ol)

**IMDG** : UN-Number 1987



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

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**IATA** : UN-Number 1987



Class 3  
Packaging group II  
Description of the goods Alcohols, n.o.s. (Ethanol, Propan-2-ol)

## 15. REGULATORY INFORMATION

General advice : The product does not need to be labelled in accordance with EC directives or respective national laws. Although this product does not need to be labelled, we recommend to observe the safety instructions.

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.

### 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.

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 2

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

### Other information

Caution! All information concerns the concentrated product!

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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!!!