

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended  
by UK REACH Regulations SI 2019/758

**schülke** 

## **desderman® care gel**      **No Change Service!**

Version                      Revision Date:                      Date of last issue: 08.11.2023  
03.08                      10.07.2024

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### **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

#### **1.1 Product identifier**

Trade name                      : desderman® care gel  
Unique Formula Identifier      : DC00-60K5-X00T-GX5C  
(UFI)

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against**

Use of the Sub-                      : Private area and public health area disinfectants and other  
stance/Mixture                      biocidal products

#### **1.3 Details of the supplier of the safety data sheet**

Producer                      : Schülke & Mayr GmbH  
Robert-Koch-Str. 2  
  
22851 Norderstedt  
Germany  
Telephone: +49 (0)40/ 52100-0  
Telefax: +49 (0)40/ 52100318  
mail@schuelke.com  
www.schuelke.com

Supplier                      : Schülke & Mayr UK Ltd.  
Cygnet House  
1, Jenkin Road  
  
Sheffield S9 1AT  
United Kingdom  
Telephone: +44 114 254 35 00  
Telefax: +44 114 254 35 01  
mail.uk@schulke.com

E-mail address of person      : Application Specialists  
responsible for the              +49 (0)40/ 521 00 666  
SDS/Contact person              AD@schuelke.com

#### **1.4 Emergency telephone number**

Emergency telephone num-      : Carechem 24 International:+44 1235 239670  
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### **SECTION 2: Hazards identification**

#### **2.1 Classification of the substance or mixture**

**Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK  
SI 2019/720, and UK SI 2020/1567)**

Flammable liquids, Category 2                      H225: Highly flammable liquid and vapour.  
Eye irritation, Category 2                      H319: Causes serious eye irritation.

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Long-term (chronic) aquatic hazard, Category 3

H412: Harmful to aquatic life with long lasting effects.

## 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)**

Hazard pictograms

:



Signal word

:

Danger

Hazard statements

:

H225 Highly flammable liquid and vapour.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

:

P101 If medical advice is needed, have product container or label at hand.  
P102 Keep out of reach of children.

### Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Response:

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### Storage:

P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

### Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

## 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Vapours are heavier than air and may spread along floors.

Take precautionary measures against static discharges.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

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

#### Hazardous components

Chemical name	CAS-No.	Classification	Concentration
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	EC-No. Index-No. Registration number		(% w/w)
ethanol	64-17-5 200-578-6 603-002-00-5 01-2119457610-43-XXXX	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 70 - < 90
tetradecanol	112-72-1 204-000-3 - - - 01-2119485910-33-XXXX	Eye Irrit. 2; H319 Aquatic Chronic 1; H410  M-Factor (Chronic aquatic toxicity): 1	>= 1 - < 2.5

For explanation of abbreviations see section 16.

## **SECTION 4: First aid measures**

### **4.1 Description of first aid measures**

- General advice : Take off all contaminated clothing immediately.
- If inhaled : Move to fresh air.  
If symptoms persist, call a physician.
- In case of eye contact : Rinse thoroughly with plenty of water, also under the eyelids.  
If eye irritation persists, consult a specialist.
- If swallowed : Do NOT induce vomiting.  
Clean mouth with water and drink afterwards plenty of water.  
If swallowed, seek medical advice immediately and show this container or label.

### **4.2 Most important symptoms and effects, both acute and delayed**

- Symptoms : Treat symptomatically.
- Risks : Causes serious eye irritation.

### **4.3 Indication of any immediate medical attention and special treatment needed**

- Treatment : For specialist advice physicians should contact the Poisons Information Service.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

- Suitable extinguishing media : Dry powder  
Alcohol-resistant foam  
Water spray jet

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Carbon dioxide (CO<sub>2</sub>)

Unsuitable extinguishing media : Do NOT use water jet.

### **5.2 Special hazards arising from the substance or mixture**

Specific hazards during fire-fighting : Vapours are heavier than air and may spread along floors.  
Cool closed containers exposed to fire with water spray.

Hazardous combustion products : No hazardous combustion products are known

### **5.3 Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

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## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

Personal precautions : Ensure adequate ventilation.  
Remove all sources of ignition.

### **6.2 Environmental precautions**

Environmental precautions : Avoid subsoil penetration.

### **6.3 Methods and material for containment and cleaning up**

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).

### **6.4 Reference to other sections**

see Section 8 + 13

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## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Advice on safe handling : Do not spray on a naked flame or any incandescent material.  
Keep away from sources of ignition - No smoking. Keep away from children.

Advice on protection against fire and explosion : The hot product gives off combustible vapours. Take measures to prevent the build up of electrostatic charge.

Hygiene measures : Keep away from food and drink.

### **7.2 Conditions for safe storage, including any incompatibilities**

Requirements for storage areas and containers : Recommended storage temperature: 5 - 25°C

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Further information on storage conditions : Keep away from direct sunlight.

Advice on common storage : Do not store together with oxidising agents.

### 7.3 Specific end use(s)

Specific use(s) : none

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
ethanol	64-17-5	TWA	1,000 ppm 1,920 mg/m <sup>3</sup>	GB EH40

#### Derived No Effect Level (DNEL):

Substance name	End Use	Exposure routes	Potential health effects	Value
ethanol	Workers	Inhalation	Acute local effects	1900 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	343 mg/kg
tetradecanol	Workers	Inhalation	Long-term systemic effects	950 mg/m <sup>3</sup>
	Workers	Skin contact	Long-term systemic effects	89 mg/kg
	Workers	Inhalation	Long-term local effects	178 mg/m <sup>3</sup>
	Workers	Inhalation	Long-term systemic effects	313 mg/m <sup>3</sup>

#### Predicted No Effect Concentration (PNEC):

Substance name	Environmental Compartment	Value
ethanol	Fresh water	0.96 mg/l
	Marine water	0.79 mg/l
	Fresh water sediment	3.6 mg/kg
	Soil	0.63 mg/kg
	Marine sediment	2.9 mg/kg
	Sewage treatment plant	580 mg/l
tetradecanol	Fresh water	0.00063 mg/l
	Marine water	0.00063 mg/l
	Soil	0.428 mg/kg

### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection : If splashes are likely to occur, wear:  
Safety glasses with side-shields conforming to EN166

Hand protection

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Remarks	:	Not applicable
Respiratory protection	:	No personal respiratory protective equipment normally required. No personal respiratory protective equipment normally required.
Protective measures	:	Avoid contact with eyes.

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## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance	:	liquid
Colour	:	colourless
Odour	:	alcohol-like
Odour Threshold	:	not determined
pH	:	Not applicable
Melting point/freezing point	:	No data available
Decomposition temperature	:	No data available
Boiling point/boiling range	:	No data available
Flash point	:	15.5 °C Method: ISO 1523
Evaporation rate	:	No data available
Upper explosion limit / Upper flammability limit	:	15 %(V) Raw material
Lower explosion limit / Lower flammability limit	:	3.1 %(V) Raw material
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	ca. 0.83 g/cm <sup>3</sup> (20 °C)
Solubility(ies)	:	
Water solubility	:	No data available
Partition coefficient: n-octanol/water	:	Not applicable
Auto-ignition temperature	:	> 360 °C Raw material
Viscosity	:	
Viscosity, dynamic	:	ca. 900 mPa*s
Viscosity, kinematic	:	not determined
Explosive properties	:	Vapours may form explosive mixtures with air.

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Oxidizing properties : The substance or mixture is not classified as oxidizing.

### **9.2 Other information**

Flammability (liquids) : Highly flammable liquid and vapour.

Metal corrosion rate : None reasonably foreseeable.

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## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No dangerous reaction known under conditions of normal use.

### **10.2 Chemical stability**

The product is chemically stable.

### **10.3 Possibility of hazardous reactions**

Hazardous reactions : Vapours may form explosive mixture with air.  
Reaction with oxidising agents  
Exothermic reaction with strong acids.

### **10.4 Conditions to avoid**

Conditions to avoid : Heat, flames and sparks.

### **10.5 Incompatible materials**

Materials to avoid : Strong acids and oxidizing agents

### **10.6 Hazardous decomposition products**

None reasonably foreseeable.

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## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

#### **Acute toxicity**

Not classified based on available information.

#### **Components:**

##### **ethanol:**

Acute oral toxicity : LD50 (Rat): 10,470 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : LC50 (Rat, male and female): 124.7 mg/l  
Exposure time: 4 h  
Test atmosphere: vapour

Acute dermal toxicity : LD50 (Rabbit): > 2,000 mg/kg  
Method: OECD Test Guideline 402

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### **tetradecanol:**

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg  
Method: OECD Test Guideline 401

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg

### **Skin corrosion/irritation**

Not classified based on available information.

### **Components:**

#### **ethanol:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

#### **tetradecanol:**

Species : Rabbit  
Method : OECD Test Guideline 404  
Result : No skin irritation

### **Serious eye damage/eye irritation**

Causes serious eye irritation.

### **Components:**

#### **ethanol:**

Method : OECD Test Guideline 405  
Result : Eye irritation

#### **tetradecanol:**

Species : Rabbit  
Method : OECD Test Guideline 405  
Result : Eye irritation

### **Respiratory or skin sensitisation**

#### **Skin sensitisation**

Not classified based on available information.

#### **Respiratory sensitisation**

Not classified based on available information.

### **Components:**

#### **ethanol:**

Test Type : Maximisation Test  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Did not cause sensitisation on laboratory animals.



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### **tetradecanol:**

Test Type : Maximisation Test  
Species : Guinea pig  
Method : OECD Test Guideline 406  
Result : Did not cause sensitisation on laboratory animals.

### **Germ cell mutagenicity**

Not classified based on available information.

### **Components:**

#### **ethanol:**

Genotoxicity in vitro : Test Type: Microbial mutagenesis assay (Ames test)  
Test system: Salmonella typhimurium  
Metabolic activation: with and without metabolic activation  
Method: OECD Test Guideline 471  
Result: Not mutagenic in Ames Test

Genotoxicity in vivo : Result: Non mutagenic

Germ cell mutagenicity- Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

#### **tetradecanol:**

Genotoxicity in vitro : Test Type: Microbial mutagenesis assay (Ames test)  
Method: OECD Test Guideline 471  
Result: negative  
Remarks: Based on data from similar materials

Germ cell mutagenicity- Assessment : Not mutagenic in Ames Test

### **Carcinogenicity**

Not classified based on available information.

### **Components:**

#### **ethanol:**

Carcinogenicity - Assessment : Did not show carcinogenic effects in animal experiments.

#### **tetradecanol:**

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

### **Reproductive toxicity**

Not classified based on available information.

### **Components:**

#### **ethanol:**

Effects on foetal development : Species: Rat  
Application Route: Oral

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General Toxicity Maternal: NOAEL: 5,200 mg/kg bw/day  
Developmental Toxicity: NOAEL: 5,200 mg/kg bw/day

Reproductive toxicity - Assessment : Animal experiments showed mutagenic and teratogenic effects.

### **tetradecanol:**

Reproductive toxicity - Assessment : Based on available data, the classification criteria are not met.

### **STOT - single exposure**

Not classified based on available information.

### **Components:**

#### **ethanol:**

Remarks : No data available

#### **tetradecanol:**

Remarks : Based on available data, the classification criteria are not met.

### **STOT - repeated exposure**

Not classified based on available information.

### **Components:**

#### **ethanol:**

Remarks : No data available

#### **tetradecanol:**

Remarks : Based on available data, the classification criteria are not met.

### **Repeated dose toxicity**

### **Components:**

#### **ethanol:**

Species : Rat  
NOAEL : 1,730 mg/kg  
LOAEL : 3,160 mg/kg  
Application Route : Oral  
Exposure time : 90 d

#### **tetradecanol:**

Remarks : No data available

### **Aspiration toxicity**

Not classified based on available information.

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## Further information

### Product:

Remarks : No human information is available.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

##### **ethanol:**

- Toxicity to fish : LC50 (Leuciscus idus (Golden orfe)): 8,140 mg/l  
Exposure time: 48 h
- Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 5,000 mg/l  
aquatic invertebrates Exposure time: 48 h
- Toxicity to algae/aquatic : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l  
plants Exposure time: 72 h  
Method: OECD Test Guideline 201

##### **tetradecanol:**

- Toxicity to fish : LC50 (Brachidanio rerio): > 100 mg/l  
Method: ISO 7346/2
- Toxicity to daphnia and other : EC50 (Daphnia magna): > 1 - 10 mg/l  
aquatic invertebrates Method: OECD Test Guideline 202
- Toxicity to algae/aquatic : EC50 (Desmodesmus subspicatus (green algae)): 10 - 100  
plants mg/l  
Method: OECD Test Guideline 201
- Toxicity to fish (Chronic tox- : NOEC: > 1 - 10 mg/l  
icity) Species: Brachidanio rerio  
Remarks: The toxicological data has been taken from prod-  
ucts of similar composition.
- Toxicity to daphnia and other : NOEC: > 0.001 - 0.01 mg/l  
aquatic invertebrates (Chron- Species: Daphnia magna (Water flea)  
ic toxicity) Method: OECD Test Guideline 211
- M-Factor (Chronic aquatic : 1  
toxicity)

### 12.2 Persistence and degradability

#### Components:

##### **ethanol:**

- Biodegradability : Test Type: aerobic  
Result: Readily biodegradable.  
Biodegradation: > 70 %

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Exposure time: 5 d  
Method: OECD 301D / EEC 84/449 C6

### **tetradecanol:**

Biodegradability : Result: Readily biodegradable.

## 12.3 Bioaccumulative potential

### Components:

#### **ethanol:**

Bioaccumulation : Remarks: Bioaccumulation is unlikely.

Partition coefficient: n-  
octanol/water : log Pow: -0.14  
Method: Calculated value

#### **tetradecanol:**

Bioaccumulation : Remarks: Does not significantly accumulate in organisms.

## 12.4 Mobility in soil

### Components:

#### **ethanol:**

Mobility : Remarks: No data available

#### **tetradecanol:**

Mobility : Remarks: After release, adsorbs onto soil., The product evaporates slowly.

## 12.5 Results of PBT and vPvB assessment

### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Other adverse effects

### Product:

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Additional ecological information : No data is available on the product itself.

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

- Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations.
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14: Transport information

#### 14.1 UN number

- ADR : UN 1170
- IMDG : UN 1170
- IATA : UN 1170

#### 14.2 UN proper shipping name

- ADR : ETHANOL SOLUTION
- IMDG : ETHANOL SOLUTION
- IATA : Ethanol solution

#### 14.3 Transport hazard class(es)

- |      | Class | Subsidiary risks |
|------|-------|------------------|
| ADR  | : 3   |                  |
| IMDG | : 3   |                  |
| IATA | : 3   |                  |

#### 14.4 Packing group

- ADR**
- Packing group : II
- Classification Code : F1
- Hazard Identification Number : 33
- Labels : 3
- Tunnel restriction code : (D/E)
- IMDG**
- Packing group : II
- Labels : 3
- EmS Code : F-E, S-D
- IATA (Cargo)**
- Packing instruction (cargo aircraft) : 364
- Packing instruction (LQ) : Y341
- Packing group : II
- Labels : Flammable liquid

#### **IATA (Passenger)**

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Packing instruction (passenger aircraft) : 353  
Packing instruction (LQ) : Y341  
Packing group : II  
Labels : Flammable liquid

### 14.5 Environmental hazards

#### **ADR**

Environmentally hazardous : no

#### **IMDG**

Marine pollutant : no

### 14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant EU provisions transposed through retained EU law

UK REACH List of restrictions (Annex 17) : Conditions of restriction for the following entries should be considered: Number on list 3

UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation : Not applicable

The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain) : Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Not applicable

UK REACH List of substances subject to authorisation (Annex XIV) : Not applicable

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control)  
Volatile organic compounds (VOC) content: 83.75 %

#### **Other regulations:**

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to new and expectant mothers at work contained in Regulation 16 to 18) and of the Pregnant Workers Directive 92/85/EEC.

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

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### **The components of this product are reported in the following inventories:**

TCSI	:	Not in compliance with the inventory
TSCA	:	Product contains substance(s) not listed on TSCA inventory.
AIIC	:	Not in compliance with the inventory
DSL	:	This product contains the following components that are not on the Canadian DSL nor NDSL.  Acrylates C10-30 alkyl
ENCS	:	Not in compliance with the inventory
ISHL	:	Not in compliance with the inventory
KECI	:	Not in compliance with the inventory
PICCS	:	Not in compliance with the inventory
IECSC	:	Not in compliance with the inventory
NZIoC	:	Not in compliance with the inventory
TECI	:	Not in compliance with the inventory

### **15.2 Chemical safety assessment**

**||** No Chemical Safety Assessment has been carried out for this mixture.

## **SECTION 16: Other information**

### **Full text of H-Statements**

H225	:	Highly flammable liquid and vapour.
H319	:	Causes serious eye irritation.
H410	:	Very toxic to aquatic life with long lasting effects.

### **Full text of other abbreviations**

Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Eye Irrit.	:	Eye irritation
Flam. Liq.	:	Flammable liquids
GB EH40	:	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air

# SAFETY DATA SHEET

According to REACH Regulation (EC) No 1907/2006, as amended  
by UK REACH Regulations SI 2019/758

**schülke** 

## **desderman® care gel**      **No Change Service!**

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03.08

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Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

### **Further information**

#### **Classification of the mixture:**

Flam. Liq. 2	H225
Eye Irrit. 2	H319
Aquatic Chronic 3	H412

#### **Classification procedure:**

Based on product data or assessment
Calculation method
Calculation method

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.