

Safety Data Sheet

according to Regulation (EC) No 1907/2006

0151014 SM Deo Roll on frisch Rez.Nr. F18-04-003

Revision date: 16.10.2020

Product code: RCSO-SePh-019

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

1.1. Product identifier

0151014 SM Deo Roll on frisch Rez.Nr. F18-04-003

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

Use of the substance/mixture

Deodorant or antiperspirant. The product is applied by rolling ball in the roll-on applicator.

Uses advised against

None known. Only use for the intended purpose.

1.3. Details of the supplier of the safety data sheet

Company name:	Sebapharma GmbH & Co. KG	
Street:	Binger Straße 80	
Place:	D-56154 Boppard - Bad Salzig	
Telephone:	+49 (0)6742 / 900-0	Telefax: +49 (0)6742 / 900-5215
Contact person:	Axel Blum	Telephone: +49 (0)6742 / 900-215
e-mail:	av.blum@sebamed.de	
Internet:	www.sebamed.de	
Responsible Department:	AV-Disposition / Produktion	

1.4. Emergency telephone number:

Poison Control Center (Mayence, GER)
+49 (0)6131-19240 (24h - de, en)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 3

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Flammable liquid and vapour.

Causes serious eye irritation.

2.2. Label elements

Regulation (EC) No. 1272/2008

Signal word: Warning

Pictograms:



Hazard statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

Precautionary statements

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

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

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P337+P313 present and easy to do. Continue rinsing.
 P501 If eye irritation persists: Get medical advice/attention.
 P501 Dispose of contents/container to an appropriate recycling or disposal facility.

Special labelling of certain mixtures

EUH208 Contains BISABOLOL. May produce an allergic reaction.

Additional advice on labelling

This product is a cosmetic product. Cosmetic products are exempt from labelling obligation and transmission of safety data sheets, if they are packaged in the form that is sold to the final customer.

Recommended labelling elements for consumer packages.: Product may be flammable.

2.3. Other hazards

When used properly and as intended, the product is safe and sound (Article 3 of Directive (EC) No. 1223/2009 - Cosmetics Directive). The following information applies to inadvertent misuse and/or accidents and to commercial use, where applicable.

The product does not meet the PBT or vPvB criteria in Annex XIII of the REACH Regulation.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification			
64-17-5	Ethanol, ethyl alcohol			40 - < 45 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2, Eye Irrit. 2; H225 H319			
6920-22-5	DL-hexane-1,2-diol			1 - < 5 %
	230-029-6		01-2119987321-35	
	Eye Irrit. 2; H319			
23089-26-1	levomenol (BISABOLOL)			< 1 %
	245-423-3		01-2120764002-67	
	Skin Sens. 1, Aquatic Chronic 2; H317 H411			
70775-75-6	N,N'-(decane-1,10-diyl-di-1(4H)-pyridyl-4-ylidene)bis(octylammonium) dichloride			< 0.1 %
	274-861-8		01-2120750372-60	
	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1; H302 H315 H319 H400 H410			

Full text of H and EUH statements: see section 16.

Specific concentration limits and M-factors

CAS No	EC No	Chemical name	Quantity
		Specific concentration limits and M-factors	
64-17-5	200-578-6	Ethanol, ethyl alcohol	40 - < 45 %
		Eye Irrit. 2; H319: >= 50 - 100	
70775-75-6	274-861-8	N,N'-(decane-1,10-diyl-di-1(4H)-pyridyl-4-ylidene)bis(octylammonium) dichloride	< 0.1 %
		M akut; H400: M=100 M chron.; H410: M=10	

Further Information

The percentages of the ingredients not listed here are all below the level of consideration.

SECTION 4: First aid measures

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4.1. Description of first aid measures

General information

First-aider: Pay attention to self-protection!

After inhalation

If irritations or allergic reactions should occur as a consequence of handling the product (particularly if large quantities have been inhaled): Move victim to fresh air. Put victim at rest and keep warm. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.

After contact with skin

This product is suitable for direct application onto the skin (refer to instructions of use). Consult physician in case of irritations or redness.

After contact with eyes

Remove contact lenses. In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After ingestion

Rinse mouth, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Seek medical attention if problems persist.

4.2. Most important symptoms and effects, both acute and delayed

Causes serious eye irritation. It cannot be ruled out that individual ingredients may cause allergic reactions and slight skin irritations.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.
Water fog. alcohol resistant foam. BC powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated: Carbon monoxide. Carbon dioxide. Nitrogen oxides (NO_x). Sulfur oxides.
Vapours are heavier than air and will spread at floor level.
The product is highly flammable and can promote the spread of fire.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.
Protective clothing.

Additional information

Suppress gases/vapours/mists with water spray jet.
Contaminated fire-fighting water must be collected separately. Do not allow to enter into surface water or drains.
Use water spray jet to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

At normal handling, no personal cautionary measures will need to be observed.
Wear personal protection equipment. Keep away from unprotected people. Keep upwind. Keep away from sources of ignition - No smoking. Take action to prevent static discharges.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. In case of gas escape or

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of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Take up mechanically, placing in appropriate containers for disposal. Fire hazard if soaked into cloth or cleaning material.

6.4. Reference to other sections

Personal protection equipment: see section 8

Handling and storage: see section 7

For waste disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

When in use in confined, warm rooms: Ensure adequate ventilation.

At the place of work (in production and when refilling): Wear personal protection equipment.

Do not empty into drains; dispose of this material and its container in a safe way.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take action to prevent static discharges.

Further information on handling

Avoid eye contact.

When using do not eat, drink or smoke.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

Store in a cool dry place.

Requirements from the water-hazard class must be observed.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.

Product may be flammable. Do not expose product to direct sunlight or extreme heat.

Do not store or use near or in direct proximity to open fire or heating sources.

7.3. Specific end use(s)

Deodorant or antiperspirant.

The product is applied by rolling ball in the roll-on applicator.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL

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DNEL/DMEL values

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
64-17-5	Ethanol, ethyl alcohol		
Worker DNEL, acute	inhalation	local	1900 mg/m ³
Worker DNEL, long-term	dermal	systemic	343 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	950 mg/m ³
Consumer DNEL, acute	inhalation	local	950 mg/m ³
Consumer DNEL, long-term	dermal	systemic	206 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	114 mg/m ³
Consumer DNEL, acute	oral	systemic	87 mg/kg bw/day

PNEC values

CAS No	Substance	
Environmental compartment	Value	
64-17-5	Ethanol, ethyl alcohol	
Freshwater	0,96 mg/l	
Marine water	0,79 mg/l	
Freshwater sediment	3,6 mg/kg	
Marine sediment	2,9 mg/kg	
Secondary poisoning	0,72 mg/kg	
Soil	0,63 mg/kg	

Additional advice on limit values

According to the currently valid lists, there are not further binding work place safety values.

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation.

Protective and hygiene measures

Protect skin by using skin protective cream. Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Not required for normal use.

At the place of work (in production and when refilling): Eye glasses with side protection

Hand protection

At the place of work (in production and when refilling):

By repeated application: chemically impervious safety gloves made of fluorinated rubber (0.4 mm) or butyl rubber (0.5 mm) (breakthrough time >480 min).

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Under normal usage conditions, not necessary.

At the place of work (in production and when refilling): Protective clothing.

Respiratory protection

Under normal usage conditions, not necessary.

At the place of work (in production and when refilling):

exceeding exposure limit values: gas filtering equipment (EN 141).

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	colourless
Odour:	characteristic
pH-Value:	5,3-5,6

Changes in the physical state

Melting point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	27 °C

Flammability

Solid:	No data available
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Explosive properties

No data available

Lower explosion limits:	No data available
Upper explosion limits:	No data available
Ignition temperature:	No data available

Auto-ignition temperature

Solid:	No data available
Decomposition temperature:	No data available

Oxidizing properties

No data available

Vapour pressure:	No data available
Density:	0,935-0,945 g/cm ³
Water solubility:	No data available

Solubility in other solvents

No data available

Partition coefficient:	No data available
Viscosity / dynamic: (at 20 °C)	300-550 mPa·s
Flow time:	No data available
Vapour density:	No data available
Solvent separation test:	No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Can react with natural rubber, methyl 2-methylacrylate plastics, polyamides, zinc and brass.

10.2. Chemical stability

The product is stable under normal environmental conditions (room temperature).

10.3. Possibility of hazardous reactions

No dangerous reactions to be expected if used properly.

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This product reacts slowly with calcium hypochlorite, silver oxide and ammonia (fire and explosion hazard). It reacts violently with strong oxidising agents like nitric acid, silver nitrate, mercurous nitrate and magnesium perchlorate (fire and explosion hazard).

10.4. Conditions to avoid

Heat sources, open flames and other ignition sources. Handling in conductive, non-earthed containers / lines.

10.5. Incompatible materials

Strong oxidizing agents Sulfuric acid. Nitric acid. Peroxides. Ammonia. alkaline, alkaline-earth metals, alkaline oxides, acetyl chloride, hypochlorite sodium / calcium

10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide. Carbon dioxide. Irritating/poisonous gasses and vapours

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

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

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
64-17-5	Ethanol, ethyl alcohol				
	oral	LD50 10470 mg/kg	Ratte	supplier statement	OECD 401
	dermal	LD50 15800 mg/kg	Rabbit		
	inhalation (4 h) vapour	LC50 >51 mg/l	Ratte	supplier statement	OECD 403
70775-75-6	N,N'-(decane-1,10-diyl-di-1(4H)-pyridyl-4-ylidene)bis(octylammonium) dichloride				
	oral	ATE 500 mg/kg			

Irritation and corrosivity

Causes serious eye irritation.

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Sensitising effects

Contains BISABOLOL. May produce an allergic reaction.

Carcinogenic/mutagenic/toxic effects for reproduction

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

SECTION 12: Ecological information

12.1. Toxicity

No information is available on the mixture itself.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
64-17-5	Ethanol, ethyl alcohol					
	Acute fish toxicity	LC50 mg/l	15300	96 h	Pimephales promelas (fathead minnow)	supplier statement
	Acute algae toxicity	ErC50	275 mg/l	72 h	Chlorella vulgaris	supplier statement
	Acute crustacea toxicity	EC50 mg/l	5012	48 h	Ceriodaphnia spec	supplier statement
	Crustacea toxicity	NOEC	9,6 mg/l	9 d	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	Ethanol, ethyl alcohol	-0,31

BCF

CAS No	Chemical name	BCF	Species	Source
64-17-5	Ethanol, ethyl alcohol	1 - 4,5	Cyprinus carpio (Common Carp)	

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The product does not meet the PBT or vPvB criteria in Annex XIII of the REACH Regulation.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Do not allow to enter into surface water or drains.

Dispose of waste according to applicable legislation. According to the European Waste Catalogue (EWC), allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

List of Wastes Code - residues/unused products

070604 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; other organic solvents, washing liquids and mother liquors; hazardous waste

Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

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Land transport (ADR/RID)

14.1. UN number: UN 1266
14.2. UN proper shipping name: PERFUMERY PRODUCTS
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Classification code: F1
Special Provisions: 163
Limited quantity: 5 L
Excepted quantity: E1
Transport category: 3
Hazard No: 30
Tunnel restriction code: D/E

Inland waterways transport (ADN)

14.1. UN number: UN 1266
14.2. UN proper shipping name: Perfumery products
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Classification code: F1
Special Provisions: 163
Limited quantity: 5 L
Excepted quantity: E1

Marine transport (IMDG)

14.1. UN number: UN 1266
14.2. UN proper shipping name: PERFUMERY PRODUCTS
14.3. Transport hazard class(es): 3
14.4. Packing group: III
Hazard label: 3



Special Provisions: 163,223, 904, 955
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-E, S-D

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 1266
14.2. UN proper shipping name: PERFUMERY PRODUCTS
14.3. Transport hazard class(es): 3
14.4. Packing group: III

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Hazard label:

3



Special Provisions:

A3 A72

Limited quantity Passenger:

10 L

Passenger LQ:

Y344

Excepted quantity:

E1

IATA-packing instructions - Passenger:

355

IATA-max. quantity - Passenger:

60 L

IATA-packing instructions - Cargo:

366

IATA-max. quantity - Cargo:

220 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

14.6. Special precautions for user

No special precautions known.

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

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3

Information according to 2012/18/EU

P5c FLAMMABLE LIQUIDS

(SEVESO III):

Additional information

Regulation (EC) No. 648/2004 (Detergents regulation): not applicable

Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable

Regulation (EC) No 850/2004 on persistent organic pollutants: not applicable

Regulation (EC) No 649/2012 of the European Parliament and of the Council concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none

This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

Water hazard class (D):

2 - obviously hazardous to water

Additional information

Observe in addition any national regulations!

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

Ethanol, ethyl alcohol

DL-hexane-1,2-diol

levomenol (BISABOLOL)

N,N'-(decane-1,10-diyl-di-1(4H)-pyridyl-4-ylidene)bis(octylammonium) dichloride

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SECTION 16: Other information

Changes

Version 1,00 - 24.08.2016 - Ersterstellung

Version 1,01 - 28.01.2020 - General update

Version 1,02 - 16.10.2020 -Change and revision of the SDS because of new information / recipe

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

BImSchV (Fed.Imm.Prot.Act): Directive on the Implementation of the Federal Immission Protection Act

CAS: Chemical Abstracts Service

DIN: Norm of the Deutsche Institut für Normung (German Institute for Standardization)

EC: Effective Concentration

EG: European Community (Europäische Gemeinschaft)

EN: European Norm

IATA: International Air Transport Association

IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk

ICAO: International Civil Aviation Organization

IMDG: International Maritime Code for Dangerous Goods

ISO: Norm of the International Standards Organization

CLP: Classification, Labeling, Packaging

IUCLID: International Uniform Chemical Information Database

LC: Lethal concentration

LD: Lethal dose

log Kow: Octanol/water partition coefficient

MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships

OECD: Organisation for Economic Co-operation and Development

PBT: Persistent, bio-cumulative, toxic

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail

TRGS: Technische Regeln für Gefahrstoffe

UN: United Nations

VOC: Volatile Organic Compounds

vPvB: very persistent and very bio-cumulative

VwVwS: Administrative Regulation for Water Pollutants

WGK: German Water Hazard Class

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

TLV: Threshold Limiting Value

STOT: Specific Target Organ Toxicity

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Flam. Liq. 3; H226	On basis of test data
Eye Irrit. 2; H319	Calculation method

Relevant H and EUH statements (number and full text)

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.

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H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
EUH208	Contains BISABOLOL. May produce an allergic reaction.

Further Information

The information given in this safety data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)