

# SAFETY DATA SHEET

The provisions of Title IV of Regulation (EC) No 1907/2006 as amended shall not apply to Cosmetic Products.

## Dermatonics Deodorising Fizzy Foot Foam

Creation date	31st March 2021	Version	1.0
<b>SECTION 1: Identification of the substance/mixture and of the company/undertaking</b>			
<b>1.1. Product identifier</b>	Dermatonics Deodorising Fizzy Foot Foam		
Substance / mixture	mixture		
<b>1.2. Relevant identified uses of the substance or mixture and uses advised against</b>			
Mixture's intended use	Cosmetic product.		
Mixture uses advised against	The product should not be used in ways other then those referred in Section 1.		
<b>1.3. Details of the supplier of the safety data sheet</b>			
<b>Supplier</b>			
Name or trade name	Dermatonics Ltd		
Address	3 Bramley Road, St Ives, Cambridgeshire, PE27 3WS		
Phone	United Kingdom of Great Britain and Northern Ireland		
E-mail	+44 1480 462910		
	cathyw@dermatonics.co.uk		
<b>Competent person responsible for the safety data sheet</b>			
Name	Dermatonics Ltd		
E-mail	cathyw@dermatonics.co.uk		
<b>1.4. Emergency telephone number</b>			
European emergency number: 112			
National Health Service (NHS) 111			

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

A cosmetic product is not under scope of the Regulation.

Aerosol 1, H222, H229

Full text of all classifications and hazard statements is given in the section 16.

#### Most serious adverse physico-chemical effects

Extremely flammable aerosol. Pressurised container: May burst if heated.

### 2.2. Label elements

#### Hazard pictogram



#### Signal word

Danger

#### Hazard statements

H222 Extremely flammable aerosol.

H229 Pressurised container: May burst if heated.

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### Precautionary statements

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### 2.3. Other hazards

Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 601-004-00-0 CAS: 106-97-8 EC: 203-448-7 Registration number: 01-2119474691-32	butane	<75	Flam. Gas 1, H220 Press. Gas (liquefied gas), H280	1, 2, 3
Index: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 Registration number: 01-2119457610-43	ethanol	<15	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Specific concentration limit: Eye Irrit. 2, H319: C ≥ 50 %	3

#### Notes

- 1 Note C: Some organic substances may be marketed either in a specific isomeric form or as a mixture of several isomers. In this case the supplier must state on the label whether the substance is a specific isomer or a mixture of isomers.
- 2 Note U (Table 3): When put on the market gases have to be classified as "Gases under pressure", in one of the groups compressed gas, liquefied gas, refrigerated liquefied gas or dissolved gas. The group depends on the physical state in which the gas is packaged and therefore has to be assigned case by case. The following codes are assigned:

Press. Gas (Comp.)  
Press. Gas (Liq.)  
Press. Gas (Ref. Liq.)  
Press. Gas (Diss.)

Aerosols shall not be classified as gases under pressure (See Annex I, Part 2, Section 2.3.2.1, Note 2).

- 3 Substance for which exposure limits of Community for working environment exist.

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

**If inhaled**  
Not expected.

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### If on skin

There are not any particular first aid measures required.

### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

### If swallowed

Unlikely.

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

#### If inhaled

Not expected.

#### If on skin

Not expected.

#### If in eyes

When intruding eyes, it can evoke irritation.

#### If swallowed

Not expected.

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

Symptomatic treatment.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

#### Unsuitable extinguishing media

Water - full jet.

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

The heat from fire increases inner pressure in containers and can cause their bursting or explosion. The exploding containers could fly up to the distance several ten meters. In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Closed containers with the product near the fire should be cooled with water. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

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## SECTION 6: Accidental release measures

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

Provide sufficient ventilation. Extremely flammable aerosol. Pressurised container: May burst if heated. Remove all ignition sources. Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Do not inhale aerosols.

### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

### 6.4. Reference to other sections

See the Section 7, 8 and 13.

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in flammable or explosive concentrations and concentrations exceeding the occupational exposure limits. No smoking. Protect against direct sunlight. Do not pierce or burn, even after use.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose. Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

#### 7.3. Specific end use(s)

not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Czech Republic

##### Government Regulation 41/2020 Coll.

Substance name (component)	Type	Value	Conversion for ppm
ethanol (CAS: 64-17-5)	PEL	1000 mg/m <sup>3</sup>	0,522
	NPK-P	3000 mg/m <sup>3</sup>	0,522

##### Austria

##### BGBI. II Nr. 254/2018

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	MAK daily mean	1900 mg/m <sup>3</sup>	
	MAK daily mean	800 ppm	
	MAK short-term values	3800 mg/m <sup>3</sup>	
	MAK short-term values	1600 ppm	
ethanol (CAS: 64-17-5)	MAK daily mean	1900 mg/m <sup>3</sup>	
	MAK daily mean	1000 ppm	
	MAK short-term values	3800 mg/m <sup>3</sup>	
	MAK short-term values	2000 ppm	

##### Belgium

##### Annex to the Royal Decree of September 2, 2018

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	Short time value	2370 mg/m <sup>3</sup>	
	Short time value	980 ppm	
ethanol (CAS: 64-17-5)	8h	1907 mg/m <sup>3</sup>	
	8h	1000 ppm	

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### Bulgaria

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)		1900 mg/m <sup>3</sup>	
ethanol (CAS: 64-17-5)		1000 mg/m <sup>3</sup>	

### Bulgaria

НАРЕДБА № 13 от 30.12.2003

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)		1900 mg/m <sup>3</sup>	
ethanol (CAS: 64-17-5)		1000 mg/m <sup>3</sup>	

### Croatia

OG 91/2018

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	GVI	1450 mg/m <sup>3</sup>	
	GVI	600 ppm	
	KGVI	1810 mg/m <sup>3</sup>	
	KGVI	750 ppm	
	GVI	22 mg/m <sup>3</sup>	
	GVI	10 ppm	
ethanol (CAS: 64-17-5)	GVI	1900 mg/m <sup>3</sup>	
	GVI	1000 ppm	

### Cyprus

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	TWA	1900 mg/m <sup>3</sup>	
	TWA	800 ppm	
ethanol (CAS: 64-17-5)	TWA	1880 mg/m <sup>3</sup>	
	TWA	1000 ppm	

### Denmark

BEK No. 1458 of 13/12/2019

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	8h	1200 mg/m <sup>3</sup>	
	8h	500 ppm	
ethanol (CAS: 64-17-5)	8h	1900 mg/m <sup>3</sup>	
	8h	1000 ppm	

### Estonia

Government of the Republic Regulation No. 293 of 18 September 2001.

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	Limit value	1500 mg/m <sup>3</sup>	
	Limit value	800 ppm	
ethanol (CAS: 64-17-5)	Limit value	1000 mg/m <sup>3</sup>	
	Limit value	500 ppm	

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### Estonia

### Government of the Republic Regulation No. 293 of 18 September 2001.

Substance name (component)	Type	Value	Note
ethanol (CAS: 64-17-5)	Short term exposure	1900 mg/m <sup>3</sup>	
	Short term exposure	1000 ppm	

### Finland

### HTP-ARVOT 538/2018

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)		1900 mg/m <sup>3</sup>	
		800 ppm	
		2400 mg/m <sup>3</sup>	
		1000 ppm	
ethanol (CAS: 64-17-5)		1900 mg/m <sup>3</sup>	
		1000 ppm	
		2500 mg/m <sup>3</sup>	
		1300 ppm	

### France

### Valeurs limites d'exposition professionnelle aux agents chimiques en France ED 984

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	VLEP-8h	1900 mg/m <sup>3</sup>	
	VLEP-8h	800 ppm	
ethanol (CAS: 64-17-5)	VLEP-8h	1900 mg/m <sup>3</sup>	
	VLEP-8h	1000 ppm	
		9500 mg/m <sup>3</sup>	
		5000 ppm	

### Germany

### DFG - MAK-Werte-Liste 2017 (MAK)

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	MAK 8h	2400 mg/m <sup>3</sup>	
	MAK	1000 ppm	
	MAK 15min	9600 mg/m <sup>3</sup>	
	MAK 15min	4000 ppm	
ethanol (CAS: 64-17-5)	MAK 8h	380 mg/m <sup>3</sup>	
	MAK	200 ppm	
	MAK 15min	1520 mg/m <sup>3</sup>	
	MAK 15min	800 ppm	

### Germany

### IFA DGUV Grenzwerteliste 2017 (AGW)

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	AGW 8h	2400 mg/m <sup>3</sup>	
	AGW 8h	1000 ppm	

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### Germany

### IFA DGUV Grenzwerteliste 2017 (AGW)

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	AGW short	9600 mg/m <sup>3</sup>	
	AGW short	4000 ppm	
ethanol (CAS: 64-17-5)	AGW 8h	960 mg/m <sup>3</sup>	
	AGW 8h	500 ppm	
	AGW short	1920 mg/m <sup>3</sup>	
	AGW short	1000 ppm	

### Germany

### TRGS 900

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	8h	2400 mg/m <sup>3</sup>	
	8h	1000 ppm	
	Short	9600 mg/m <sup>3</sup>	
	Short	4000 ppm	
ethanol (CAS: 64-17-5)	8h	380 mg/m <sup>3</sup>	
	8h	200 ppm	
	Short	1520 mg/m <sup>3</sup>	
	Short	800 ppm	

### Greece

### Αρ. Φύλλου 94, 13 Μάιος 1999

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	Exposure limit value	2350 mg/m <sup>3</sup>	
	Exposure limit value	1000 ppm	
ethanol (CAS: 64-17-5)	Exposure limit value	1900 mg/m <sup>3</sup>	
	Exposure limit value	1000 ppm	

### Hungary

### 29/2018. (VIII. 29.) EMMI rendelet

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	ÁK-érték	2350 mg/m <sup>3</sup>	
	CK-érték	9400 mg/m <sup>3</sup>	
ethanol (CAS: 64-17-5)	ÁK-érték	1900 mg/m <sup>3</sup>	
	CK-érték	7600 mg/m <sup>3</sup>	

### Ireland

### 2018 Code of Practice for the Chemical Agents Regulations

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	OELV 15 minutes	1000 ppm	

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### Ireland

### 2018 Code of Practice for the Chemical Agents Regulations

Substance name (component)	Type	Value	Note
ethanol (CAS: 64-17-5)	OELV 15 minutes	1000 ppm	

### Latvia

### Cabinet Regulation No. 325

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	AER 8 hrs.	300 mg/m <sup>3</sup>	
ethanol (CAS: 64-17-5)	AER 8 hrs.	1000 mg/m <sup>3</sup>	

### Lithuania

### Lithuanian hygiene standards HN 23: 2011

Substance name (component)	Type	Value	Note
ethanol (CAS: 64-17-5)	IPRD	1000 mg/m <sup>3</sup>	
	IPRD	500 ppm	
	TPRD	1900 mg/m <sup>3</sup>	
	TPRD	1000 ppm	

### Netherlands

### Working conditions regulation 2020

Substance name (component)	Type	Value	Note
ethanol (CAS: 64-17-5)	TGG (8 hours)	260 mg/m <sup>3</sup>	Skin absorption - Substances that can be absorbed relatively easily through the skin, which can make a substantial contribution to the total internal exposure, have an indication in the list. For these substances, in addition to measures against inhalation, adequate measures to prevent skin contact must also be taken.
	TGG (15 min)	1900 mg/m <sup>3</sup>	

### Norway

### FOR-2018-12-20-2186

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	8 hours	600 mg/m <sup>3</sup>	
	8 hours	250 ppm	
ethanol (CAS: 64-17-5)	8 hours	950 mg/m <sup>3</sup>	

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### Norway

FOR-2018-12-20-2186

Substance name (component)	Type	Value	Note
ethanol (CAS: 64-17-5)	8 hours	500 ppm	

### Poland

Dz.U. 2018 poz. 1286

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	NDS	1900 mg/m <sup>3</sup>	
	NDSCh	3000 mg/m <sup>3</sup>	
ethanol (CAS: 64-17-5)	NDS	1900 mg/m <sup>3</sup>	

### Romania

Hotărâre Nr. 584/2018 din 2 august 2018

Substance name (component)	Type	Value	Note
ethanol (CAS: 64-17-5)	8h	1900 mg/m <sup>3</sup>	
	8h	1000 ppm	
	15min	9500 mg/m <sup>3</sup>	
	15min	5000 ppm	

### Slovakia

Nariadenie vlády Slovenskej republiky 33/2018

Substance name (component)	Type	Value	Note
ethanol (CAS: 64-17-5)	NPEL	960 mg/m <sup>3</sup>	
	NPEL	500 ppm	
	NPEL	1920 mg/m <sup>3</sup>	
	NPEL	1000 ppm	

### Slovenia

Uradni list RS, Št. 78

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	8 hours	2400 mg/m <sup>3</sup>	
	8 hours	1000 ppm	
	KTV (15 min)	9600 mg/m <sup>3</sup>	
	KTV (15 min)	4000 ppm	
ethanol (CAS: 64-17-5)	8 hours	960 mg/m <sup>3</sup>	Substances representing no risk to the foetus with reference to the limit values.
	8 hours	500 ppm	
	KTV (15 min)	1920 mg/m <sup>3</sup>	
	KTV (15 min)	1000 ppm	

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### Spain

### Límites de exposición profesional para agentes químicos en España 2019

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	VLA-ED	1000 ppm	
ethanol (CAS: 64-17-5)	VLA-EC	1910 mg/m <sup>3</sup>	
	VLA-EC	1000 ppm	

### Spain

### Occupational exposure limits for chemical agents in Spain 2019

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	VLA-ED	1000 ppm	
ethanol (CAS: 64-17-5)	VLA-EC	1910 mg/m <sup>3</sup>	
	VLA-EC	1000 ppm	

### Sweden

### Hygienic limit values (AFS 2015: 7)

Substance name (component)	Type	Value	Note
ethanol (CAS: 64-17-5)	NGV	1000 mg/m <sup>3</sup>	Indicative Short Term Limit - To be used as a recommended maximum value that should not be exceeded.
	NGV	500 ppm	
	KGV	1900 mg/m <sup>3</sup>	
	KGV	1000 ppm	

### Switzerland

### MAK-Werte 2017

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	MAK-Wert	1900 mg/m <sup>3</sup>	
	MAK-Wert	800 ppm	
	KZGW	7600 mg/m <sup>3</sup>	
	KZGW	3200 ppm	
ethanol (CAS: 64-17-5)	MAK-Wert	960 mg/m <sup>3</sup>	
	MAK-Wert	500 ppm	
	KZGW	1920 mg/m <sup>3</sup>	
	KZGW	1000 ppm	

### United Kingdom of Great Britain and Northern Ireland

### EH40/2005 Workplace exposure limits (Fourth Edition 2020)

Substance name (component)	Type	Value	Note
butane (CAS: 106-97-8)	WEL 8h	1450 mg/m <sup>3</sup>	
	WEL 8h	600 ppm	
	WEL 15min	1810 mg/m <sup>3</sup>	

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**United Kingdom of Great Britain and Northern Ireland**

**EH40/2005 Workplace exposure limits (Fourth Edition 2020)**

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### SECTION 9: Physical and chemical properties

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

Appearance	Foam
physical state	liquid at 20 °C
color	white
Odour	according to fragrance
Odour threshold	data not available
pH	5,2-6,0 (undiluted)
Melting point/freezing point	data not available
Initial boiling point and boiling range	data not available
Flash point	-60 °C (butane)
Evaporation rate	data not available
Flammability (solid, gas)	Extremely flammable aerosol.
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	
bottom	1,5 %
upper	8,5 %
Vapour pressure	0,2 MPa (butane) at 20 °C
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	partially soluble
solubility in fats	partially soluble
Partition coefficient: n-octanol/water	2,89 (Butane), -0,3 (Ethanol)
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	data not available
9.2. Other information	
Density	680-720 g/cm <sup>3</sup> at 20 °C
ignition temperature	data not available

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

#### 10.2. Chemical stability

The product is stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Unknown.

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### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost. Pressurised container: May burst if heated.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

butane

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Inhalation (gases)	LD50	658 mg/l	4 hour	Rat	

ethanol

Route of exposure	Parameter	Value	Time of exposure	Species	Sex
Oral	LD50	1187-15010 mg/kg bw		Rat	
Inhalation	LC50	82.1-92.6 mg/l of air	6 hour	Rat	

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

ethanol

Route of exposure	Result	Time of exposure	Species
Eye	Irritating		

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data the classification criteria are not met.

#### Carcinogenicity

Based on available data the classification criteria are not met.

#### Reproductive toxicity

Based on available data the classification criteria are not met.

#### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

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### Toxicity for specific target organ - 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

#### Acute toxicity

Data for the mixture are not available.

#### ethanol

Parameter	Value	Time of exposure	Species	Environment
LC50	11.2-14.2 g/l	96 hour	Fishes	Freshwater
LC50	5.012 g/l	48 hour	Daphnia	Freshwater
EC50	275 mg/l	72 hour	Algae	Freshwater

#### Chronic toxicity

#### ethanol

Parameter	Value	Time of exposure	Species	Environment
NOEC	>1 mg/kg	24 day	Fishes	Freshwater
NOEC	>10 mg/kg	21 day	Daphnia	Freshwater

### 12.2. Persistence and degradability

Data not available.

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Mobility in soil

Not available.

### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 12.6. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

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### Waste management legislation

Ordinance on the European List of Waste (German Waste Catalogue Ordinance -Verordnung über das Europäische Abfallverzeichnis - AVV). Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### SECTION 14: Transport information

#### 14.1. UN number

UN 1950

#### 14.2. UN proper shipping name

AEROSOLS

#### 14.3. Transport hazard class(es)

2 Gases

#### 14.4. Packing group

not available

#### 14.5. Environmental hazards

not available

#### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

#### Additional information

Hazard identification No.



UN number

Classification code

5F

Safety signs

2.1



#### Road transport - ADR

Special provisions 190, 327, 344, 625

Limited quantities 1 L

Excepted quantities E0

#### Packaging

Packing instructions P207, LP200

Special packing provisions PP87, RR6, L2

Mixed packing provisions MP9

Transport category 2

Tunnel restriction code (D)

#### Special provision for

packages V14

loading, unloading and handling CV9, CV12

operation S2

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### Railway transport - RID

Special provisions	190, 327, 344, 625
Excepted quantities	E0

### Packaging

Packing instructions	P207, LP200
Special packing provisions	PP87, RR6, L2
Mixed packing provisions	MP9
Transport category	0
Special provision for packages	W 14
loading, unloading and handling	CW 9, CW 12

### Air transport - ICAO/IATA

Packaging instructions for limited amount	Y203
Packaging instructions passenger	203
Cargo packaging instructions	203

### Marine transport - IMDG

EmS (emergency plan)	F-D, S-U
MFAG	620

## SECTION 15: Regulatory information

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

Ordinance on protection against hazardous substances (Hazardous Substances Ordinance - GefStoffV). TRGS 900. Protection of Young Persons (Employment) Act (Child Labor Law - JArbSchG). Act on protection against dangerous substances and preparations (Chemicals Act - ChemG). Act on the implementation of occupational safety and health measures to improve workplace safety and health. Ordinance to protect the climate from changes caused by the input of certain fluorinated greenhouse gases (Chemicals Climate Protection Ordinance - ChemKlimaschutzV). Technical Instructions on Air Quality Control. Ordinance on facilities for handling substances that are hazardous to water (AwSV) of 18 April 2017. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

### 15.2. Chemical safety assessment

A chemical safety assessment is not required for cosmetics.

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H319	Causes serious eye irritation.

### Guidelines for safe handling used in the safety data sheet

P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.

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P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
AGW	Occupational Exposure Limits
AK	Acceptable exposure limit
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
IC50	Concentration causing 50% blockade
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal concentration of a substance in which it can be expected death of 50% of the population
LD50	Lethal dose of a substance in which it can be expected death of 50% of the population
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
log Kow	Octanol-water partition coefficient
MAK	Maximum workplace concentration
MARPOL	International Convention for the Prevention of Pollution From Ships
MK	Maximum concentration
NDS	Maximum admissible concentration
NDSCh	Maximum admissible short-term concentration
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
NPEL	The highest acceptable exposure limit
NPK	Maximum admissible concentration
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
PEL	Permissible Exposure Limit
PNEC	Predicted no-effect concentration
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations

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UVCB	Substances of unknown or variable composition, complex reaction products or biological materials		
VOC	Volatile organic compounds		
vPvB	Very Persistent and very Bioaccumulative		
Aerosol	Aerosol		
Eye Irrit.	Eye irritation		
Flam. Gas	Flammable gas		
Flam. Liq.	Flammable liquid		
Press. Gas	Gases under pressure		
<b>Training guidelines</b>			
Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.			
<b>Recommended restrictions of use</b>			
not available			
<b>Information about data sources used to compile the Safety Data Sheet</b>			
REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.			
<b>More information</b>			
Classification procedure - on basis of test data.			

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.