### 300441 - PRORASO SHAVING SOAP IN A BOWL REFRESHING

Revision n. 4

Dated 19/08/2024

Printed on 19/08/2024

Page n. 1/16

Replaced revision:3 (Dated: 03/02/2022)

Safety Data Sheet
According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

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

1.1. Product identifier

300441 Code:

Product name PRORASO SHAVING SOAP IN A BOWL REFRESHING

Other codes 400920, 400645, 400620

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

Intended use Shaving product

Identified Uses	Industrial	Professional	Consumer
Cosmetic product	-	-	~
Intermediate bulk	✓	-	-

#### Uses Advised Against

Any use not specified in this section or in section 7.3

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

Name LUDOVICO MARTELLI S.P.A. Full address VIA FAENTINA 169/12 50014 FIESOLE (FI)

ITALIA

Tel. 055 737821 Fax 055 7378290

e-mail address of the competent person

responsible for the Safety Data Sheet

Supplier:

District and Country

Iudovico\_martelli@proraso.com Ludovico Martelli S.p.A.

### 1.4. Emergency telephone number

For urgent inquiries refer to

CAV "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA Roma -

Piazza Sant'Onofrio, 4 CAP 00165 - tel. 06-68593726

Az. Osp. Univ. Foggia Foggia -V.le Luigi Pinto, 1 CAP 71122 - tel. 800183459 Az. Osp. "A. Cardarelli" Napol - Via A. Cardarelli, 9 CAP 80131 - tel. 081-5453333 CAV Policlinico "Umberto I" Roma - V.le del Policlinico, 155 CAP 00161 - tel. 06-49978000

CAV Policlinico "A. Gemelli" Roma - Largo Agostino Gemelli, 8 CAP 00168 - tel. 06-3054343

Az. Osp. "Careggi" U.O. Tossicologia Medica Firenze - Largo Brambilla, 3 CAP 50134 -

tel. 055-7947819

CAV Centro Nazionale di Informazione Tossicologica Pavia - Via Salvatore Maugeri, 10 CAP 27100 - tel. 0382-24444

Osp. Niguarda Ca' Granda Milano - Piazza Ospedale Maggiore,3 CAP 20162 - tel. 02-

66101029

Azienda Ospedaliera Papa Giovanni XXII Bergamo - Piazza OMS, 1 CAP 24127 - tel.

800883300

Azienda Ospedaliera Integrata Verona Verona - Piazzale Aristide Stefani, 1 CAP 37126 -

tel. 800011858

### **SECTION 2. Hazards identification**

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

The product is classified as hazardous pursuant to the provisions set forth in (EC) Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of (EU) Regulation 2020/878.

Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Eye irritation, category 2 H319 Causes serious eye irritation. Skin irritation, category 2 H315 Causes skin irritation.

### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words: Warning

Hazard statements:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

**EUH071** Corrosive to the respiratory tract.

EUH208 Contains: EUCALIPTOL

May produce an allergic reaction.

Precautionary statements:

P280 Wear protective gloves / eye protection / face protection.

P337+P313 If eye irritation persists: Get medical advice / attention.

P264 Wash hands thoroughly after handling.

### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

### **SECTION 3. Composition/information on ingredients**

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#### 3.2. Mixtures

Contains:

Identification x = Conc. % Classification (EC) 1272/2008 (CLP)

Fatty acids, coco, potassium salts

INDEX -  $6 \le x < 7$  Eye Irrit. 2 H319, Skin Irrit. 2 H315

EC 263-049-9 CAS 61789-30-8 SODIUM COCOATE

INDEX -  $3.5 \le x < 4$  Eye Irrit. 2 H319, Skin Irrit. 2 H315

EC 263-050-4 CAS 61789-31-9 I-(+)-lactic acid

INDEX 607-743-00-5 1 ≤ x < 1,5 Skin Corr. 1C H314, Eye Dam. 1 H318, Eye Dam. 1 H318, EUH071

EC 201-196-2 CAS 79-33-4

REACH Reg. 01-2119474164-39

**EUCALIPTOL** 

INDEX -  $0.1 \le x < 0.15$  Flam. Liq. 3 H226, Skin Sens. 1B H317

EC 207-431-5 CAS 470-82-6

REACH Reg. 01-2119967772-24

PENTAERYTHRITYL TETRA-DI-T-BUTYL

HYDROXYHYDROCINNAMATE

INDEX -  $0.05 \le x < 0.1$  Substance with a community workplace exposure limit.

EC 229-722-6 CAS 6683-19-8

REACH Reg. 01-2119491301-46

Diphenyl ether

INDEX - 0 < x < 0,05 Eye Irrit. 2 H319, Aquatic Acute 1 H400 M=1, Aquatic Chronic 3 H412

EC 202-981-2 CAS 101-84-8

REACH Reg. 01-2119472545-33

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### **SECTION 4. First aid measures**

#### 4.1. Description of first aid measures

In case of doubt or in the presence of symptoms contact a doctor and show him this document.

In case of more severe symptoms, ask for immediate medical aid.

EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Take off contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice. Avoid further contact with contaminated clothing.

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INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.

INHALATION: Remove victim to fresh air, away from the accident scene. In the event of respiratory symptoms (coughing, wheezing, breathing difficulty, asthma) keep the victim in a comfortable position for breathing. If necessary administer oxygen. If the subject stops breathing, administer artificial respiration. Get medical advice/attention.

#### Rescuer protection

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

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

Specific information on symptoms and effects caused by the product are unknown.

DELAYED EFFECTS: Based on the information currently available, there are no known cases of delayed effects following exposure to this product.

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

If eye irritation persists: Get medical advice / attention.

Means to have available in the workplace for specific and immediate treatment

Running water for skin and eye wash.

### **SECTION 5. Firefighting measures**

### 5.1. Extinguishing media

### SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

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

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Do not breathe combustion products.

### 5.3. Advice for firefighters

#### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

### **SECTION 6. Accidental release measures**

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

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Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

#### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

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

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

### **SECTION 7. Handling and storage**

#### 7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

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

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

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

Information not available

### **SECTION 8. Exposure controls/personal protection**

#### 8.1. Control parameters

Regulatory references:

Decreto Legislativo 9 Aprile 2008, n 81 Italia

OEL EU Directive (EU) 2022/431; Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; ΕIJ Directive (EU) 2017/2398; Directive (EU) 2017/164; Directive 2009/161/EU; Directive 2006/15/EC; Directive

2004/37/EC; Directive 2000/39/EC; Directive 98/24/EC; Directive 91/322/EEC.

I-(+)-lactic acid	I-(+	-lactic	acid
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Predicted no-effect concentration - PNEC		
Normal value in fresh water	1,3	mg/l
Normal value of STP microorganisms	10	mg/l

#### **EUCALIPTOL**

Predicted no-effect concentration - PNEC

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Normal value in fresh wa	ater				0,057	mg	/I		
Normal value in marine v	water				0,0057	mg	/I		
Normal value for fresh w	ater sediment				1,425	mg	/kg/d		
Normal value for marine	water sedimen	t			0,1425	mg	/kg/d		
Normal value for marine	water, intermitt	ent release			0,57	mg	/I		
Normal value of STP mic	croorganisms				10	mg	/I		
Normal value for the food	d chain (second	dary poisonii	ng)		40	mg	/kg		
Normal value for the terr	estrial comparti	ment			0,25	mg	/kg/d		
Health - Derived no-	Effe	DNEL / Dects on sumers	MEL	-	_	Effects on workers	-	-	
Route of exposure		te local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral					600 mg/kg bw/d				
Inhalation				NPI	1,74 mg/m3			NPI	7,05 mg/m3
Skin					1 mg/kg bw/d				2 mg/kg bw/
PENTAERYTHRITYL Threshold Limit Valu Type		TWA/8			STEL/15min		Rema	arks /	
		mg/m3		ppm n	ng/m3	ppm	Obse	i valions	
OEL	EU	10					INHA	L	
OEL	EU	3					RESI	<b>D</b>	
Health - Derived no-	Effe	DNEL / Dects on sumers	MEL	-	T -	Effects on workers	-		
Route of exposure		te local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
					systemic 4,6 mg/kg		systemic		systemic
Oral					4,0 mg/kg				
					7,7 mg/m3				10 mg/m3
Inhalation									10 mg/m3 89,2 mg/kg
Inhalation Skin					7,7 mg/m3				
Inhalation Skin Diphenyl ether					7,7 mg/m3 44,6 mg/kg				
Inhalation Skin Diphenyl ether Threshold Limit Vali	<b>ue</b> Country	TWA/8	:h	\$	7,7 mg/m3		Rema Obse		
Inhalation Skin Diphenyl ether Threshold Limit Vali		TWA/8			7,7 mg/m3 44,6 mg/kg	ppm		arks / rvations	
Inhalation Skin Diphenyl ether Threshold Limit Valu Type				ppm n	7,7 mg/m3 44,6 mg/kg STEL/15min	ppm 2			
Inhalation Skin  Diphenyl ether Threshold Limit Valu Type  VLEP	Country	mg/m3		ppm n	7,7 mg/m3 44,6 mg/kg STEL/15min ng/m3				
Inhalation Skin  Diphenyl ether Threshold Limit Valu Type  VLEP  OEL	ITA EU	mg/m3 7 7		ppm n	7,7 mg/m3 44,6 mg/kg STEL/15min mg/m3	2			
Inhalation Skin  Diphenyl ether Threshold Limit Valuation Type  VLEP  OEL  Predicted no-effect concerns	ITA EU centration - PNE	mg/m3 7 7		ppm n	7,7 mg/m3 44,6 mg/kg STEL/15min mg/m3	2	Obse		
Inhalation Skin  Diphenyl ether Threshold Limit Valu Type  VLEP  OEL  Predicted no-effect concu	ITA EU entration - PNE	mg/m3 7 7		ppm n	7,7 mg/m3 44,6 mg/kg STEL/15min mg/m3 14	2	Obse		
Inhalation Skin  Diphenyl ether Threshold Limit Valu Type  VLEP  OEL  Predicted no-effect concounty Normal value in fresh wa	ITA EU sentration - PNE ater water	mg/m3 7 7		ppm n	7,7 mg/m3 44,6 mg/kg  STEL/15min mg/m3 14 14 0,000455	2 2 mg	Obse		
Inhalation Skin  Diphenyl ether Threshold Limit Value Type  VLEP  OEL  Predicted no-effect conce Normal value in fresh was Normal value in marine was Normal value for fresh was	ITA EU centration - PNE ater water vater sediment	mg/m3 7 7 EC		ppm n	7,7 mg/m3 44,6 mg/kg  STEL/15min mg/m3 14 14 0,000455 0,0000455	2 2 mg mg	Obse		
Inhalation Skin  Diphenyl ether Threshold Limit Valid Type  VLEP  OEL  Predicted no-effect concounty Normal value in fresh wat Normal value in marine wat Normal value for fresh wat Normal value for marine	ITA EU entration - PNE ater water vater sediment water sediment	mg/m3 7 7 CC		ppm n	7,7 mg/m3 44,6 mg/kg  STEL/15min mg/m3 14 14 0,000455 0,0000455 0,0926	2 2 mg mg	Obse		
Inhalation Skin  Diphenyl ether Threshold Limit Valuation Type  VLEP  OEL  Predicted no-effect concernation Normal value in fresh was Normal value for fresh was Normal value for marine Normal value for marine	ITA EU centration - PNE ater water water sediment water sediment water, intermitt	mg/m3 7 7 CC		ppm n	7,7 mg/m3 44,6 mg/kg  STEL/15min mg/m3 14 14 0,000455 0,0000455 0,00926 0,00926	2 2 mg mg mg	Obse		
Oral Inhalation Skin Diphenyl ether Threshold Limit Valid Type  VLEP OEL Predicted no-effect concomormal value in fresh wand value for fresh wand value for fresh wand value for marine wand value for marine wormal value for the term	ITA EU sentration - PNE ater water vater sediment water sediment water, intermitt	mg/m3 7 7 6C tteent release		ppm n	7,7 mg/m3 44,6 mg/kg  STEL/15min mg/m3 14 14 0,000455 0,0000455 0,0926 0,00926 0,00455	2 2 mg mg mg mg mg	Obse		

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Route of exposure	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Inhalation					14 mg/m3		7 mg/m3	59 mg/m3
Skin								25 mg/kg bw/d

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

#### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

#### HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

### SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

### EYE PROTECTION

Wear airtight protective goggles (see standard EN ISO 16321).

#### RESPIRATORY PROTECTION

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

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

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

Properties Value Information

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Appearance compact cream Colour white gloss Odour characteristic Melting point / freezing point not available Initial boiling point not applicable Flammability not available Lower explosive limit not available Upper explosive limit not available Flash point > not applicable not available Auto-ignition temperature not available Decomposition temperature

pH 10,70-11,20

Kinematic viscosity not available
Solubility not available
Partition coefficient: n-octanol/water not available
Vapour pressure not available
Density and/or relative density not available
Relative vapour density not available
Particle characteristics not applicable

Concentration: 10 % Temperature: 20 °C

#### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

VOC (Directive 2010/75/EU) 0,04 %

### **SECTION 10. Stability and reactivity**

### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

### 10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

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#### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

Information not available

### **SECTION 11. Toxicological information**

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification.

It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

### ACUTE TOXICITY

Corrosive to the respiratory tract.

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture:

Not classified (no significant component)

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

Fatty acids, coco, potassium salts

LD50 (Oral): > 2000 mg/kg

I-(+)-lactic acid

 LD50 (Dermal):
 > 2000 mg/kg rabbit

 LD50 (Oral):
 3543 mg/kg rat

 LC50 (Inhalation mists/powders):
 > 7,94 mg/l/4h rat

EUCALIPTOL

LD50 (Dermal): 2000 mg/kg rat (OECD 402 - Read Cross) LD50 (Oral): 4500 mg/kg rat (OECD 401 Read Cross)

PENTAERYTHRITYL TETRA-DI-T-BUTYL HYDROXYHYDROCINNAMATE

LD50 (Dermal): > 3160 mg/kg rabbit

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LD50 (Oral): > 5000 mg/kg rat LC50 (Inhalation mists/powders): > 1,95 mg/l/4h rat

Diphenyl ether

LD50 (Dermal): 7940 mg/kg LD50 (Oral): 2830 mg/kg

### SKIN CORROSION / IRRITATION

Causes skin irritation

#### SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

## RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains: EUCALIPTOL

### GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

#### <u>CARCINOGENICITY</u>

Does not meet the classification criteria for this hazard class

### REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

### STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

### STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

### ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

### **SECTION 12. Ecological information**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

### 12.1. Toxicity

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**EUCALIPTOL** 

LC50 - for Fish 57 mg/l/96h oncorhynchus mykiss (OECD 203)

EC50 - for Crustacea 100 mg/l/48h daphnia magna OECD 203

EC50 - for Algae / Aquatic Plants 74 mg/l/72h pseudokirchneriella subcapitata OECD 201

PENTAERYTHRITYL TETRA-DI-T-BUTYL

**HYDROXYHYDROCINNAMATE** 

 LC50 - for Fish
 100 mg/l/96h

 EC50 - for Crustacea
 86 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 100 mg/l/72h

I-(+)-lactic acid

 LC50 - for Fish
 130 mg/l/96h

 EC50 - for Crustacea
 130 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 2800 mg/l/72h

Fatty acids, coco, potassium salts

 LC50 - for Fish
 > 1 mg/l/96h

 EC50 - for Crustacea
 > 1 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 > 1 mg/l/72h

Diphenyl ether

 LC50 - for Fish
 4,2 mg/l/96h

 EC50 - for Crustacea
 1,96 mg/l/48h

 EC50 - for Algae / Aquatic Plants
 0,455 mg/l/72h

12.2. Persistence and degradability

**EUCALIPTOL** 

Rapidly degradable 82% OECD 301F

PENTAERYTHRITYL TETRA-DI-T-BUTYL

HYDROXYHYDROCINNAMATE

Solubility in water 0,1 mg/l

NOT rapidly degradable

I-(+)-lactic acid

Solubility in water 860 g/l 20°C

Rapidly degradable

Fatty acids, coco, potassium salts

Rapidly degradable Diphenyl ether Rapidly degradable

12.3. Bioaccumulative potential

**EUCALIPTOL** 

Partition coefficient: n-octanol/water 3,4 Kow

PENTAERYTHRITYL TETRA-DI-T-BUTYL

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**HYDROXYHYDROCINNAMATE** 

Partition coefficient: n-octanol/water 22,7 Log Kow 25°C

I-(+)-lactic acid

Partition coefficient: n-octanol/water -0,54 Log Kow

Diphenyl ether

Partition coefficient: n-octanol/water 4,21 25°C

#### 12.4. Mobility in soil

Information not available

### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

#### 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

### 12.7. Other adverse effects

Information not available

### **SECTION 13. Disposal considerations**

### 13.1. Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### **SECTION 14. Transport information**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

### 14.1. UN number or ID number

not applicable

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14.2. UN proper shipping name	
not applicable	
14.3. Transport hazard class(es)	
not applicable	
14.4. Packing group	
not applicable	
14.5. Environmental hazards	
not applicable	
14.6. Special precautions for user	
not applicable	
14.7. Maritime transport in bulk according t	to IMO instruments
Information not relevant	
SECTION 15. Regulatory infor	mation
15.1. Safety, health and environmental re	gulations/legislation specific for the substance or mixture
Seveso Category - Directive 2012/18/EU: Non	е
Restrictions relating to the product or containe	d substances pursuant to Annex XVII to EC Regulation 1907/2006
Product Point 3 - 40	
Contained substance	
Point 75	

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Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

#### 15.2. Chemical safety assessment

A chemical safety assessment has been performed for the following contained substances

I-(+)-lactic acid

EUCALIPTOL

### **SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Flam. Liq. 3 Flammable liquid, category 3
Skin Corr. 1C Skin corrosion, category 1C
Eye Dam. 1 Serious eye damage, category 1
Eye Irrit. 2 Eye irritation, category 2

Skin Irrit. 2 Skin irritation, category 2
Skin Sens. 1B Skin sensitization, category 1B

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1

Aquatic Chronic 3 Hazardous to the aquatic environment, chronic toxicity, category 3

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H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage. H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.

#### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

### GENERAL BIBLIOGRAPHY

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament
- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EÚ) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament
- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)

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19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)

20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)

21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)

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Patty - Industrial Hygiene and Toxicology

N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition

IFA GESTIS website

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Database of SDS models for chemicals - Ministry of Health and ISS (Istituto Superiore di Sanità) - Italy

The information contained herein is based on our state of knowledge at the above-specified date. It only provides indications for the correct and safe use, storage, transport and disposal of the product and it constitutes no guarantee of any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

This document complies with Regulation (EU) No. 2020/878 and allows users to correctly and safely manage the bulk product at the industrial level. Despite finished cosmetic products are explicitly excluded from the provisions of Title IV of Regulation (EC) No. 1907/2006, this document provides all actors in the supply chain with the necessary and most up-to-date information on the correct product use, transport and management, if this is applicable. We highlight that the information reported in section 2 of this document must not be included in the product labelling, since finished cometic products do not fall within the scope of Regulation (EC) No. 1272/2008, but they are labelled in accordance with article 19 of Regulation (EC) No. 1223/2009 and, for aerosol products, with Directive 75/324/EEC and his amendments.

Changes to previous review: The following sections were modified: 01 / 02 / 03 / 04 / 08 / 09 / 11 / 12 / 15 / 16.