## 400946 - PRORASO SHAVING FOAM SENSITIVE SKIN

Revision nr. 2

Dated 27/09/2022

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Replaced revision:1 (Dated: 24/11/2021)

# Cosmetic Product Information Sheet

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

#### 1.1. Product identifier

Product name Other codes

PRORASO SHAVING FOAM SENSITIVE SKIN 400936, 400956, 400436, 400446, 400456, 400466

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against Intended use Finished rinse cosmetic product for shaving-Shaving Foam

Identified Uses	Industrial	Professional	Consumer
Cosmetic product	-	-	~
Uses Advised Against			

Use only as indicated on the pack.

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

Name Full address District and Country LUDOVICO MARTELLI S.P.A. 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:

ludovico\_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**

## 2.1. Classification of the substance or mixture

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The finished cosmetic product, packaged as saled, is excluded from the scope of application of Regulation (EC) 1272/2008 (CLP) as indicated in Art. 1.5.c of the Regulation.

The finished cosmetic product reports the information and warnings required by Regulation (EC) 1223/2009 on the label.

For sake of clarity, the classification is shown below.

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:

Aerosol, category 3 H229 Pressurised container: may burst if heated.

#### 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:

**H229** Pressurised container: may burst if heated.

Precautionary statements:

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

P251 Do not pierce or burn, even after use.

P410+P412 Protect from sunlight. Do no expose to temperatures exceeding 50°C / 122°F.

4,09% by mass of the contents are flammable.

#### 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**

#### 3.2. Mixtures

Contains:

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

LAURETH-23

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CAS 68439-50-9  $1,5 \le x < 2$  Eye Irrit. 2 H319

EC

INDEX -

Sodium N-lauroylsarcosinate

CAS 137-16-6 0,5 ≤ x < 0,6 Acute Tox. 2 H330, Eye Dam. 1 H318, Skin Irrit. 2 H315

EC 205-281-5 Skin Irrit. 2 H315: ≥ 30%, Eye Dam. 1 H318: ≥ 30%, Eye Irrit. 2 H319: ≥ 1%

INDEX - LC50 Inhalation mists/powders: 0,5 mg/l/4h

REACH Reg. 01-2119527780-39-

0001

PENTAERYTHRITYL TETRA-DI-T-

**BUTYL** 

**HYDROXYHYDROCINNAMATE** 

CAS 6683-19-8  $0 \le x < 0.05$  Substance with a community workplace exposure limit.

EC 229-722-6 INDEX -

REACH Reg. 01-2119491301-46

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

The product is an aerosol containing propellants. For the purposes of calculation of the health hazards, propellants are not considered (unless they have health hazards). The percentages indicated are inclusive of the propellants.

Percentage of propellants: 4,00 %

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

#### 4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problem persists, seek medical advice.

SKIN: Remove contaminated clothing. Wash immediately with plenty of water. If irritation persists, get medical advice/attention. Wash contaminated clothing before using it again.

INHALATION: Remove to open air. In the event of breathing difficulties, get medical advice/attention immediately.

INGESTION: Get medical advice/attention. Induce vomiting only if indicated by the doctor. Never give anything by mouth to an unconscious person, unless authorised by a doctor.

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

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

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

Information not available

## **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.

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

#### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

If overheated, aerosol cans can deform, explode and be propelled considerable distances. Put a protective helmet on before approaching the 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.

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

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

Avoid bunching of electrostatic charges. Do not spray on flames or incandescent bodies. Vapours may catch fire and an explosion may occur; vapour accumulation is therefore to be avoided by leaving windows and doors open and ensuring good cross ventilation. Do not eat, drink or smoke during use. Do not breathe spray.

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

Store in a place where adequate ventilation is ensured, away from direct sunlight at a temperature below 50°C / 122°F, away from any combustion sources.

## 7.3. Specific end use(s)

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Information not available

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

#### 8.1. Control parameters

Regulatory References:

EU OEL EU

Directive (EU) 2019/1831; Directive (EU) 2019/130; Directive (EU) 2019/983; 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.

Sodium N-lauroyIsarcosinate Predicted no-effect concentration - PNEC 0,00891 Normal value in fresh water mg/l 0,000891 mg/l Normal value in marine water Normal value for fresh water sediment 0,0642 mg/kg/d Normal value for marine water sediment 0,0064 mg/kg/d Normal value for water, intermittent release 0,0891 mg/l Normal value of STP microorganisms 3 mg/l NEA Normal value for the food chain (secondary poisoning) Normal value for the terrestrial compartment 0,0076 mg/kg/d Normal value for the atmosphere NPI

Health - Derived no-effect	t level - DNEL / D	MEL						
	Effects on				Effects on			
	consumers				workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic
				systemic		systemic		systemic
Oral			VND	10 mg/kg/d				
Inhalation			VND	17,39 mg/m3			VND	70,53 mg/m3
Skin			VND	10 mg/kg/d			VND	20 mg/kg/d

Type 	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
OEL	EU	10				INHAL	
OEL	EU	3				RESP	
Predicted no-effect co	ncentration - PNEC						
Normal value in fresh	water			0,086	m	ng/l	
Normal value in marin	e water			0,0086	m	ng/l	
Normal value for wate	r, intermittent release			0,86	m	ng/l	
Normal value of STP i	microorganisms			1	m	ng/l	

Health - Derived no-effect level - DNEL / DMEL									
	Effects on				Effects on				
	consumers				workers				
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic	
				systemic		systemic		systemic	
Oral				4,6 mg/kg					
Inhalation				7,7 mg/m3				10 mg/m3	

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Skin 44,6 mg/kg 89,2 mg/kg

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.

#### 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.

#### HAND PROTECTION

None required.

#### SKIN PROTECTION

Wear category I 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

Properties

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, a mask with a type A filter combined with a type P filter should be worn (see standard EN 14387).

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. The protection provided by masks is in any case limited.

#### **ENVIRONMENTAL EXPOSURE CONTROLS**

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

Information

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

## 9.1. Information on basic physical and chemical properties

Toperties	Value	illolliation
Appearance	aerosol	
Colour	white	
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	
Auto-ignition temperature	Not available	
pH	Not available	
Kinematic viscosity	Not available	

Value

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Solubility miscible

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

#### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

Aerosol

% flammable components 4,09211392

9.2.2. Other safety characteristics

Aerosol Flammability not flammable
Test report n. 19/1577

# **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

Avoid overheating.

#### 10.5. Incompatible materials

Strong reducing or oxidising agents, strong acids or alkalis, hot material.

#### 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

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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

ATE (Inhalation - mists / powders) of the mixture: > 5 mg/l

ATE (Oral) of the mixture:

ATE (Dermal) of the mixture:

Not classified (no significant component)

Not classified (no significant component)

Sodium N-lauroylsarcosinate

LD50 (Oral): > 5000 mg/kg ratto LC50 (Inhalation mists/powders): 0,5 mg/l/4h

PENTAERYTHRITYL TETRA-DI-T-BUTYL HYDROXYHYDROCINNAMATE

 LD50 (Oral):
 > 5000 mg/kg rat

 LD50 (Dermal):
 > 3160 mg/kg rat

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

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

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Does not meet the classification criteria for this hazard class
RESPIRATORY OR SKIN SENSITISATION
Does not meet the classification criteria for this hazard class
Respiratory sensitization
Information not available
Skin sensitization
Information not available
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  Adverse effects on sexual function and fertility
Information not available
Adverse effects on development of the offspring

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Information not available	
Effects on or via lactation	
Information not available	
STOT - SINGLE EXPOSURE	
Does not meet the classification criteria for this hazard class	
<u>Target organ</u>	
Information not available	
Route of exposure	
Information not available	
STOT - REPEATED EXPOSURE	
Does not meet the classification criteria for this hazard class	
<u>Target organ</u>	
Information not available	
Route of exposure	
Information not available	
ASPIRATION HAZARD	
Does not meet the classification criteria for this hazard class	
11.2. Information on other hazards	

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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

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

 Chronic NOEC for Crustacea
 > 2 mg/l

 Chronic NOEC for Algae / Aquatic Plants
 100 mg/l

Sodium N-lauroylsarcosinate

LC50 - for Fish 32,1 mg/l/96h

EC50 - for Crustacea 8,91 mg/l/48h Daphnia

EC50 - for Algae / Aquatic Plants 79 mg/l/72h

#### 12.2. Persistence and degradability

PENTAERYTHRITYL TETRA-DI-T-BUTYL

HYDROXYHYDROCINNAMATE

Solubility in water < 0,1 mg/l

NOT rapidly degradable

Sodium N-lauroylsarcosinate

Solubility in water 456,4 g/l 25°C

Rapidly degradable

12.3. Bioaccumulative potential

PENTAERYTHRITYL TETRA-DI-T-BUTYL

HYDROXYHYDROCINNAMATE

Partition coefficient: n-octanol/water > 8

Sodium N-lauroylsarcosinate

Partition coefficient: n-octanol/water 0,37

12.4. Mobility in soil

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PENTAERYTHRITYL TETRA-DI-T-BUTYL HYDROXYHYDROCINNAMATE Partition coefficient: soil/water

10

#### 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. Neat product residues should be considered special non-hazardous waste.

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

Waste transportation may be subject to ADR restrictions.

CONTAMINATED PACKAGING

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

# **SECTION 14. Transport information**

#### 14.1. UN number or ID number

ADR / RID, IMDG,

1950

IATA:

#### 14.2. UN proper shipping name

ADR / RID: AEROSOLS IMDG: AEROSOLS

IATA: AEROSOLS, NON-FLAMMABLE

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

ADR / RID: Class: 2 Label: 2.2

IMDG: Class: 2 Label: 2.2

IATA: Class: 2 Label: 2.2



## 14.4. Packing group

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ADR / RID, IMDG, IATA:

#### 14.5. Environmental hazards

ADR / RID: NO NO IMDG: IATA: NO

## 14.6. Special precautions for user

ADR / RID: HIN - Kemler: --Limited Tunnel Quantities: 1 restriction

code: (E)

Special provision: -IMDG: EMS: F-D, S-U Limited

Cargo:

Pass.:

Quantities: 1

Maximum quantity: 150

Кg

instructions: 203 Packaging

Packaging

Maximum quantity: 75

instructions: 203

Kg

A98, A145, Special provision:

A167, A802

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

## **SECTION 15. Regulatory information**

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

Seveso Category - Directive 2012/18/EU: 18

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

<u>Product</u>

IATA:

Point 40

Contained substance

Point 75

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

Not applicable

Substances in Candidate List (Art. 59 REACH)

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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

Information not available

#### 15.2. Chemical safety assessment

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

Sodium N-lauroylsarcosinate

## **SECTION 16. Other information**

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

Aerosol 3 Aerosol, category 3
Acute Tox. 2 Acute toxicity, category 2

Eye Dam. 1 Serious eye damage, category 1

Skin Irrit. 2 Skin irritation, category 2

H229 Pressurised container: may burst if heated.

H330 Fatal if inhaled.

H318 Causes serious eye damage.

H315 Causes skin irritation.

#### 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%

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- 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 as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- 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 as for REACH Regulation
- 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 (EU) 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)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 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) The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on 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.

Provide appointed staff with adequate training on how to use chemical products.

### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11.

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.

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