MADE		Revision nr. 5
MARE	BEC S.R.L.	
		Dated 26/01/2022
003024	40 - FLORA	Printed on 26/01/2022
		Page n. 1/15
		Replaced revision:4 (Dated: 02/12/2020)
	Safety Data Sheet to REACH - Regulation 2020/878 and to Annex II to UK REA	
SECTION 1. Identification of the sub	stance/mixture and of the company/under	taking
1.1. Product identifier Code: Product name Chemical name and synonym	0030240 FLORA FLORA	
	uses SU21- Consumer uses cleaning products (including solvent based products)	
1.3. Details of the supplier of the safety data shee Name Full address District and Country	MARBEC S.R.L. VIA CROCE ROSSA 5/i 51037 MONTALE (PISTOIA) ITALIA Tel. +039 0573/959848	
	Fax	
e-mail address of the competent person		
responsible for the Safety Data Sheet		
Supplier:	info@marbec.it	
1.4. Emergency telephone number For urgent inquiries refer to	MARBEC srl 0573959848 h8.30-13 h14-18 o 3357267921 Numero telefonico di Centri Antiveleni attivi 24/24 ore IRCSS Fondazione Maugeri – Pavia 0039-0382-24444 CAV Ospedali Riuniti – Bergamo 0039-800-883300 CAV Ospedale Niguarda Ca` Granda – Milano 0039-02-66101029 CAV Ospedale Careggi- Firenze 0039-055-7947819 CAV Policlinico Gemelli – Roma 0039-06-3054343 CAV Policlinico Umberto I – Roma 0039-06 49978000 CAV Ospedale Cardarelli – Napoli 0039-081 5453333 CAV Azienda Ospedaliera Integrata Verona - Verona 800	0011858

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

	MARBE	EC S.R.L.		Revision nr. 5
				Dated 26/01/2022
	0030240) - FLORA		Printed on 26/01/2022
	0030240			Page n. 2/15
				Replaced revision:4 (Dated: 02/12/2020)
supplements). The product	thus requires a safety datashe	et that complies with th	(EC) Regulation 1272/2008 (CLP) e provisions of (EU) Regulation 202 are given in sections 11 and 12 of t	
Hazard classification and in	dication:			
Eye irritation, category 2		H319	Causes serious eye irritatio	n.
2.2. Label elements				
Hazard labelling pursuant to	o EC Regulation 1272/2008 (C	LP) and subsequent an	nendments and supplements.	
		, , , , , , , , , , , , , , , , , , , ,		
Hazard pictograms:				
Signal words:	Warning			
Hazard statements:				
H319	Causes serious eye irritation			
	·····,·			
Precautionary statements:				
P280 P337+P313	Wear eye protection / face pro		on.	
Ingredients compliant wit	h Regulation (EC) No. 648/20	004		
Cationic surfactants < 1% a	nd nonionic surfactants less th	an 5% perfume (Cour	narin, Cineole, (R)-p-Mentha-1,8-die	
		ian 5%, penume (Coun		ne).
2.3. Other hazards				
On the basis of available da	ata, the product does not conta	ain any PBT or vPvB in p	percentage ≥ than 0,1%.	
_		р		
The product does not conta	in substances with endocrine of	disrupting properties in	concentration $\geq 0.1\%$.	
SECTION 2 Com	nosition/information	on ingradiants		
SECTION 3. COM	position/information	on ingreutents		
3.2. Mixtures				
Contains:				
Identification	x = Conc. %	Classification (EC)	1272/2008 (CLP)	

0030240 - FLORA

Revision nr. 5

Dated 26/01/2022

Printed on 26/01/2022 Page n. 3/15

Replaced revision:4 (Dated: 02/12/2020)

Alcohols, C11- 13-branched, ethoxylated (>2.5 mol EO)		
CAS 68439-54-3	1≤x< 3	Acute Tox. 4 H302, Eye Dam. 1 H318
EC		LD50 Oral: >300 mg/kg
INDEX -		
DIPROPYLENE GLYCOL MONOMETHYL ETHER CAS 34590-94-8 EC 252-104-2 INDEX -	1≤x< 3	Substance with a community workplace exposure limit.
REACH Reg. 01-2119450011-60- xxxx Quaternary ammonium compounds, C12-C16 benzyl alkyldimethyl, chlorides CAS 68424-85-1 EC 270-325-2 INDEX -	0 ≤ x < 0,25	Met. Corr. 1 H290, Acute Tox. 4 H302, Skin Corr. 1B H314, Eye Dam. 1 H318, Aquatic Acute 1 H400 M=10, Aquatic Chronic 1 H410 M=1 LD50 Oral: 795 mg/kg

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

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. Rinse skin with a shower immediately. Wash contaminated clothing before using it again. INHALATION: Remove to open air. If the subject stops breathing, administer artificial respiration. Get medical advice/attention immediately. INGESTION: Get medical advice/attention immediately. Do not induce vomiting. Do not administer anything not explicitly 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.

5.2. Special hazards arising from the substance or mixture

0030240 - FLORA

Revision nr. 5

Dated 26/01/2022 Printed on 26/01/2022

Page n. 4/15

Replaced revision:4 (Dated: 02/12/2020)

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

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.

Storage class TRGS 510 (Germany): 10

7.3. Specific end use(s)

0030240 - FLORA

Revision nr. 5

Dated 26/01/2022 Printed on 26/01/2022

Page n. 5/15

Replaced revision:4 (Dated: 02/12/2020)

Information not available

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Regulatory References:

DEU	Deutschland	Technischen Regeln für Gefahrstoffe (TRGS 900) - Liste der Arbeitsplatzgrenzwerte und Kurzzeitwerte. MAK- und BAT-Werte-Liste 2020, Ständige Senatskommission zur Prüfung gesundheitsschädlicher Arbeitsstoffe, Mitteilung 56
ESP	España	Límites de exposición profesional para agentes químicos en España 2021
FRA	France	Valeurs limites d'exposition professionnelle aux agents chimiques en France. ED 984 - INRS
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
PRT	Portugal	Decreto-Lei n.º 1/2021 de 6 de janeiro, valores-limite de exposição profissional indicativos para os agentes químicos. Decreto-Lei n.º 35/2020 de 13 de julho, proteção dos trabalhadores contra os riscos ligados à exposição durante o trabalho a agentes cancerígenos ou mutagénicos
GBR EU	United Kingdom OEL EU	EH40/2005 Workplace exposure limits (Fourth Edition 2020) 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 2009/39/EC; Directive 98/24/EC; Directive 91/322/EEC.

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Туре	Country	TWA/8h		STEL/15min		Remarks / Observations	
		mg/m3	ppm	mg/m3	ppm		
AGW	DEU	310	50	310	50		
MAK	DEU	310	50	310	50		
VLA	ESP	308	50			SKIN	
VLEP	FRA	308	50			SKIN	
VLEP	ITA	308	50			SKIN	
VLE	PRT	308	50			SKIN	
WEL	GBR	308	50			SKIN	
OEL	EU	308	50			SKIN	

Legend:

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

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

If prolonged contact with the product is foreseen, it is advisable to protect your hands with penetration-resistant work gloves (ref. Standard EN 374).

SKIN PROTECTION

Personal skin protection is usually not necessary. Skin protection required for: splashes, skin contact, spray application If necessary, wear long-sleeved overalls and category I professional safety footwear (ref. Directive 89/686/EEC and standard EN ISO 20344). Wash with

MARBEC S.R.L. Revision nr. 5 Dated 26/01/2022 Dated 26/01/2022 0030240 - FLORA Printed on 26/01/2022 Page n. 6/15 Page N. 6/15

Replaced revision:4 (Dated: 02/12/2020)

soap and water after removing protective clothing.

EYE PROTECTION

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, 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). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

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.

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
Appearance	liquid	
Colour	light blue	
Odour	lavender	
Melting point / freezing point	Not available	
Initial boiling point	Not available	
Flammability	not applicable	
Lower explosive limit	Not applicable	
Upper explosive limit	Not applicable	
Flash point	> 90 °C	
Auto-ignition temperature	Not applicable	
рН	Not available	
Kinematic viscosity	Not available	
Solubility	soluble in water	
Partition coefficient: n-octanol/water	Not available	
Vapour pressure	Not available	
Density and/or relative density	1	
Relative vapour density	Not available	
Particle characteristics	Not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

0030240 - FLORA

Revision nr. 5

Dated 26/01/2022

Printed on 26/01/2022 Page n. 7/15

Replaced revision:4 (Dated: 02/12/2020)

VOC (Directive 2010/75/EU)	2,40 %	-	24,00	g/litre
VOC (volatile carbon)	1,36 %	-	13,60	g/litre
Explosive properties	Not expl	osiv	/e	
Oxidising properties	Not oxid	isin	g	

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.

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

0030240 - FLORA

Revision nr. 5

Dated 26/01/2022

Printed on 26/01/2022 Page n. 8/15

Replaced revision:4 (Dated: 02/12/2020)

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) of the mixture: ATE (Oral) of the mixture: ATE (Dermal) of the mixture:

LD50 (Dermal): LD50 (Oral): >2000 mg/kg Not classified (no significant component)

Not classified (no significant component)

> 2000 mg/kg coniglio > 300 mg/kg ratto

LD50 (Dermal): LD50 (Oral):

SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / IRRITATION

Causes serious eye irritation

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

Respiratory sensitization

> 5000 mg/kg calcolato 795 mg/kg ratto

MARBEC S.R.L.	Revision nr. 5
	Dated 26/01/2022
0030240 - FLORA	Printed on 26/01/2022
	Page n. 9/15
	Replaced revision:4 (Dated: 02/12/2020)

Information not available

Skin sensitization

Information not available

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

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

Information not available

Effects on or via lactation

Information not available

STOT - SINGLE EXPOSURE

MARBEC S.R.L.	Revision nr. 5
MARDLC S.R.L.	
	Dated 26/01/2022
0030240 - FLORA	Printed on 26/01/2022
0030240 - I EORA	
	Page n. 10/15
	Replaced revision:4 (Dated: 02/12/2020)

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

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

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

0030240 - FLORA

Revision nr. 5

Dated 26/01/2022 Printed on 26/01/2022

Page n. 11/15

Replaced revision:4 (Dated: 02/12/2020)

Ethoxylated aliphatic alcohol 7 moles	
LC50 - for Fish	5 mg/l/96h
EC50 - for Crustacea	5 mg/l/48h
EC50 - for Algae / Aquatic Plants	5 mg/l/72h
Chronic NOEC for Algae / Aquatic Plants	10 mg/kg Metodo OECD 208
Quaternary ammonium compounds, C12- C16 benzyl alkyldimethyl, chlorides LC50 - for Fish	0,19 mg/l/96h trota iridea
EC50 - for Crustacea	0,16 mg/l/48h
EC50 - for Algae / Aquatic Plants	0,027 mg/l/72h
12.2. Persistence and degradability	
DIPROPYLENE GLYCOL MONOMETHYL ETHER Solubility in water	1000 - 10000 mg/l
Rapidly degradable	
Ethoxylated aliphatic alcohol 7 moles	
Rapidly degradable	
Quaternary ammonium compounds, C12- C16 benzyl alkyldimethyl, chlorides Rapidly degradable 12.3. Bioaccumulative potential	
DIPROPYLENE GLYCOL MONOMETHYL ETHER Partition coefficient: n-octanol/water	0,0043
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 conta	sin any PRT or yPyR in percentage > than 0.1%
12.6. Endocrine disrupting properties	
Based on the available data, the product does not contain environmental effects under evaluation. 12.7. Other adverse effects	n substances listed in the main European lists of potential or suspected endocrine disruptors with
Information not available	
SECTION 13. Disposal considerations	

0030240 - FLORA

Revision nr. 5

Dated 26/01/2022

Printed on 26/01/2022 Page n. 12/15

Replaced revision:4 (Dated: 02/12/2020)

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

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

4.7. 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	Printed on 26/01/2022 Page n. 13/15 Replaced revision:4 (Dated: 02/12/2020)
Iformation not relevant SECTION 15. Regulatory information	-
Iformation not relevant SECTION 15. Regulatory information	
Iformation not relevant SECTION 15. Regulatory information	
Iformation not relevant SECTION 15. Regulatory information	
SECTION 15. Regulatory information	
15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
eveso Category - Directive 2012/18/EU: None	
estrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006	
roduct Point 3 - 40	
ontained substance	
Point 75	
egulation (EU) 2019/1148 - on the marketing and use of explosives precursors	
ot applicable	
ubstances in Candidate List (Art. 59 REACH)	
In the basis of available data, the product does not contain any SVHC in percentage \geq than 0,1%.	
ubstances subject to authorisation (Annex XIV REACH)	
lone	
ubstances subject to exportation reporting pursuant to Regulation (EU) 649/2012:	
one	
ubstances subject to the Rotterdam Convention:	
one	
ubstances subject to the Stockholm Convention:	
one	
ealthcare controls	
/orkers exposed to this chemical agent dangerous to health must be subjected to health surveillance carried ou egislative Decree 81 of 9 April 2008 unless the risk to the worker's health and safety has been assessed as irre f art. 224 paragraph 2. /GK 1: Low hazard to waters	ut according to the provisions of art. 41 of elevant, in accordance with the provision

0030240 - FLORA

Revision nr. 5

Dated 26/01/2022

Printed on 26/01/2022 Page n. 14/15

Replaced revision:4 (Dated: 02/12/2020)

15.2. Chemical safety assessment

A chemical safety assessment has been drawn up for the following substances contained in the mixture: Dipropylene glycol monomethyl ether

SECTION 16. Other information

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

Met. Corr. 1	Substance or mixture corrosive to metals, category 1
Acute Tox. 4	Acute toxicity, category 4
Skin Corr. 1B	Skin corrosion, category 1B
Eye Dam. 1	Serious eye damage, category 1
Eye Irrit. 2	Eye irritation, category 2
Aquatic Acute 1	Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic toxicity, category 1
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

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 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).

Revision nr. 5 MARBEC S.R.L. Dated 26/01/2022 Printed on 26/01/2022 0030240 - FLORA Page n. 15/15 Replaced revision:4 (Dated: 02/12/2020) 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) Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament 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)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
 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.

Changes to previous review: The following sections were modified:

02 / 03 / 09 / 11 / 12 / 15 / 16.