

	Revision nr. 1				
	Dated 09/01/2023				
First compilation					
	Printed on 09/01/2023				
Page n. 1/13					

Safety Data Sheet
According to Annex II to REACH - Regulation 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

UFI: M91H-G0C6-X00E-01H3 Product name **VPE 385-585 COMP. A** 

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

Intended use Thermal insulation composed for anchoring and fixings of components A (Resin)

Identified Uses	Industrial	Professional	Consumer
Thermal insulation composed for anchoring and	-	_	-
fixings of components A (Resin)		<b>✓</b>	
1.3. Details of the supplier of the safety data shee	t		
Name	Vorpa Srl		
Full address	Via San Leo,5		
District and Country	47838 Riccione - RIMINI		
•	Tel. +39 - 0541 607111		
	Fax +39 - 0541 699015		
	Fax +39 - 0541 699015		
e-mail address of the competent person			
responsible for the Safety Data Sheet	vorpa@vorpa.com		
1.4. Emergency telephone number	T-1 00 0544 007444 (-15)-	- I	
For urgent inquiries refer to	Tel. +39 - 0541 607111 (offic	e nours)	

# **SECTION 2. Hazards identification**

### 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.
Skin sensitization, category 1	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic toxicity, category 2	H411	Toxic to aquatic life with long lasting effects.

### 2.2. Label elements

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

Hazard pictograms:



Revision nr. 1
Dated 09/01/2023
First compilation
Printed on 09/01/2023
Page n. 2/13





Signal words: Warning

Hazard statements:

H319 Causes serious eye irritation.
H315 Causes skin irritation.

H317 May cause an allergic skin reaction.H411 Toxic to aquatic life with long lasting effects.

Precautionary statements:

P264 Wash your hands thoroughly after use.
P273 Avoid release to the environment.

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

P333+P313 If skin irritation or rash occurs: Get medical advice / attention.
P337+P313 If eye irritation persists: Get medical advice / attention.

P391 Collect spillage.

**Contains:** 2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)

### 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  $\geq$  0.1%.

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

# 3.1. Substances

Information not relevant

# 3.2. Mixtures

Contains:

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

2,2'-[(1-methylethylidene)bis(4,1phenyleneoxymethylene)]bisoxiran

INDEX 603-073-00-2  $30 \le x < 60$  Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 2

ŀ

Skin Irrit. 2 H315: ≥ 5%, Eye Irrit. 2 H319: ≥ 5%

EC 216-823-5 CAS 1675-54-3

REACH Reg. 01-2119456619-26-

XXXX

Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane



Revision nr. 1
Dated 09/01/2023
First compilation
Printed on 09/01/2023
Page n. 3/13

(1:2) INDEX -

10 ≤ x < 15

Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1 H317, Aquatic Chronic 3 H412

EC 618-939-5 CAS 933999-84-9

REACH Reg. 01-2119463471-41-

XXXX

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. 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

It causes skin irritation. It can cause an allergic skin reaction. Causes serious eye irritation.

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

Symptomatic treatment

# **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
Full jet of water

### 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).



Revision nr. 1
Dated 09/01/2023
First compilation
Printed on 09/01/2023
Page n. 4/13

### SECTION 6. Accidental release measures

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

If there are no contraindications, spray powder with water to prevent the formation of dust.

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 and place it in containers for recovery or disposal. If there are no contraindications, use jets of water to eliminate product residues.

Make sure the leakage site is well aired. Evaluate the compatibility of the container to be used, by checking section 10. 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

2,2'-[(1-methylethylide Predicted no-effect concer		neoxymetnylene	<u>)jbisoxirane</u>					
Normal value in fresh water	PF			0,006	mç	g/l		
Normal value in marine wa	ter			0,0006	mç	g/l		
Normal value for fresh wat	er sediment			0,341	m	g/kg		
Normal value for marine w	ater sediment			0,0341	m	g/kg		
Normal value of STP micro	oorganisms			10	m	g/l		
Health - Derived no-ef	fect level - DNEL / I	DMEL						
	Effects on consumers				Effects on workers			
Route of exposure	Acute local	Acute systemic	Chronic local	Chronic	Acute local	Acute	Chronic local	Chronic

systemic

systemic

systemic



Revision nr. 1
Dated 09/01/2023
First compilation
Printed on 09/01/2023
Page n. 5/13

Oral	0,5 mg/kg bw/d	_
Inhalation	0,87 mg/m3	4,93 mg/m3
Skin	0,089 mg/kg bw/d	0,75 mg/kg bw/d

Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)				
Predicted no-effect concentration - PNEC				
Normal value in fresh water	0,0115	mg/l		
Normal value in marine water	0,00115	mg/l		
Normal value for fresh water sediment	0,283	mg/kg		
Normal value for marine water sediment	0,0283	mg/kg		
Normal value of STP microorganisms	1	mg/l		

Health - Derived no-eff	ect level - DNEL / DI	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		1,5 mg/kg bw/d		1,5 mg/kg bw/d				
Inhalation		5,29 mg/m3	0,27 mg/m3	5,29 mg/m3		10,58 mg/m3	0,44 mg/m3	10,57 mg/m3
Skin	0,0136 mg/kg bw/d	1,7 mg/kg bw/d	0,0136 mg/kg bw/d	3 mg/kg bw/d	0,0226 mg/kg bw/d		0,0226 mg/kg bw/d	6 mg/kg bw/d

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

In the case of prolonged contact with the product, protect the hands with penetration-resistant work gloves (see standard EN 374).

Work glove material must be chosen according to the use process and the products that may form. Latex gloves may cause sensitivity reactions.

Used gloves throw

Recommended material: NBR (Caucciù di Nitrile)

Penetration time:> 480 min

Thickness of the glove material:> 0.7 mm

DIN/EN RULES: EN 374

# 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 166).

# RESPIRATORY PROTECTION

None required, unless indicated otherwise in the chemical risk assessment.

# **ENVIRONMENTAL EXPOSURE CONTROLS**

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

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.



Revision nr. 1
Dated 09/01/2023
First compilation
Printed on 09/01/2023
Page n. 6/13

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

# 9.1. Information on basic physical and chemical properties

Value	Information
Pasty solid	
beige	
characteristic	
not available	
not applicable	
not available	
not available	
not available	
not applicable	
not available	
insoluble in water	
not available	
not available	
1,45 g/cm3	
not available	
not available	
	Pasty solid beige characteristic not available not applicable not available not available not available not applicable not applicable not applicable not available not available not available not available insoluble in water not available not available 1,45 g/cm3 not available

### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Information not available

# **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



Not classified (no significant component)

Not classified (no significant component)

Not classified (no significant component)

Revision nr. 1	
Dated 09/01/2023	
First compilation	
Printed on 09/01/2023	
Page n. 7/13	

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

10.4.	Conditions	to avoid
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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**

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

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture:

ATE (Dermal) of the mixture:

LD50 (Dermal): 2000 mg/kg



Revision nr. 1
Dated 09/01/2023
First compilation
Printed on 09/01/2023
Page n. 8/13

LD50 (Oral):	200	0 mg/kg
Reaction products of hexane-1,6-diol	with 2-(chloromethyl)oxirane (1	:2)
LD50 (Oral):	168	1 mg/kg
SKIN CORROSION / IRRITATION		
Causes skin irritation		
SERIOUS EYE DAMAGE / IRRITATION	<u>NC</u>	
Causes serious eye irritation		
RESPIRATORY OR SKIN SENSITISA	ATION	
Sensitising for the skin		
GERM CELL MUTAGENICITY		
Does not meet the classification criter	ia for this hazard class	
CARCINOGENICITY		
Does not meet the classification criter	ia for this hazard class	
REPRODUCTIVE TOXICITY		
Does not meet the classification criter	a for this hazard class	
STOT - SINGLE EXPOSURE		
Does not meet the classification criter	a for this hazard class	
STOT - REPEATED EXPOSURE		
Does not meet the classification criter	ia for this hazard class	



Revision nr. 1
Dated 09/01/2023
First compilation
Printed on 09/01/2023
Page n. 9/13

### **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**

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on acquatic environment. **12.1. Toxicity** 

2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bisoxirane

EC50 - for Crustacea 1,8 mg/l/48h
EC50 - for Algae / Aquatic Plants 9,4 mg/l/72h

Reaction products of hexane-1,6-diol with 2-(chloromethyl)oxirane (1:2)

LC50 - for Fish 30 mg/l/96h EC50 - for Crustacea 39 mg/l/48h

### 12.2. Persistence and degradability

933999-84-9 1,6-hexanediol diglycidyl ether OECD 301D 71 % 28d

### 12.3. Bioaccumulative potential

933999-84-9 1,6-hexanediol diglycidyl ether log pow 0,822

933999-84-9 1,6-hexanediol diglycidyl ether BCF 3,57

### 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



1	Revision nr. 1
	Dated 09/01/2023
	First compilation
	Printed on 09/01/2023
	Page n. 10/13

# 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.

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.

#### European product waste code

080409 Production waste, formulation, supply and use of coatings (paintings, paints and glass glazes), stickers, sealing and inks for printing; production, formulation, supply and use of stickers and sealing (including waterproofing products); stickers and sealed sealing, containing organic solvents or other dangerous substances; dangerous refusal

European waste waste code

080409 Production waste, formulation, supply and use of coatings (paintings, paints and glass glazes), stickers, sealing and inks for printing; production, formulation, supply and use of stickers and sealing (including waterproofing products); stickers and sealed sealing, containing organic solvents or other dangerous substances; dangerous refusal

European Code Refusal contaminated packaging

150110 packaging waste; Absorbents, rags, filter materials and protective clothing (not specified otherwise); packaging (including urban packaging waste subject to separate collection); packaging containing residues of dangerous substances or contaminated by these substances; dangerous refusal

# **SECTION 14. Transport information**

#### 14.1. UN number or ID number

ADR / RID, IMDG, IATA: 3077

ADR / RID: In accordance with Special Provision 375, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not

submitted to ADR provisions.

IMDG: In accordance with Section 2.10.2.7 of IMDG Code, this product, when is packed in receptacles of a capacity ≤ 5Kg or

5L, is not submitted to IMDG Code provisions.

IATA: In accordance with SP A197, this product, when is packed in receptacles of a capacity ≤ 5Kg or 5L, is not submitted to

IATA dangerous goods regulations.

### 14.2. UN proper shipping name

ADR / RID: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,2'-[(1-methylethylidene)bis(4,1-

phenyleneoxymethylene)]bisoxirane)

IMDG: ENVÍRONMÉNTALLY HÁZARDOUS SUBSTANCE, SOLID, N.O.S. (2,2'-[(1-methylethylidene)bis(4,1-

phenyleneoxymethylene)]bisoxirane)

IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (2,2'-[(1-methylethylidene)bis(4,1-

phenyleneoxymethylene)]bisoxirane)

# 14.3. Transport hazard class(es)

ADR / RID: Class: 9 Label: 9

IMDG: Class: 9 Label: 9

IATA: Class: 9 Label: 9



### 14.4. Packing group

ADR / RID, IMDG, IATA:

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Revision nr. 1 Dated 09/01/2023 First compilation Printed on 09/01/2023 Page n. 11/13

#### 14.5. Environmental hazards

ADR / RID: Environmentally

Hazardous

IMDG: Marine Pollutant

IATA: Environmentally

Hazardous



# 14.6. Special precautions for user

ADR / RID: HIN - Kemler: 90 Limited Tunnel Quantities: 5 restriction

code: (-)

956

956

Special provision: -

EMS: F-A, S-F Limited

kg

kg

Quantities: 5

Cargo:

Pass.:

Maximum

Packaging quantity: 400 instructions:

Kg

Packaging Maximum quantity: 400 instructions:

Кg

A97, A158, A179, A197, Special provision:

A215

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

IMDG:

IATA:

# **SECTION 15. Regulatory information**

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

Seveso Category - Directive 2012/18/EU: E2

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

Contained substance

75 Point

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)



Revision nr. 1
Dated 09/01/2023
First compilation
Printed on 09/01/2023
Page n. 12/13

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 not been performed for the preparation/for the substances indicated in section 3.

# **SECTION 16. Other information**

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

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

Aquatic Chronic 2 Hazardous to the aquatic environment, chronic toxicity, category 2

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

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.
H412 Harmful 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



	Revision nr. 1
ı	Dated 09/01/2023
ı	First compilation
ı	Printed on 09/01/2023
ı	Page n. 13/13
ı	
ı	

- 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)
- Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 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)
- 22. Delegated Regulation (UE) 2022/692 (XVIII 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.