Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 1 / 11

### 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

Code: REF 2498

Product name SP147 SPICY RED

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

Intended use SP147 SPICY RED

1.3. Details of the supplier of the safety data sheet

Name PASSIONE BEAUTY S.P.A.

Full address Viale Crispi 89-93

District and Country 36100 Vicenza (VI)

Italia

Tel. +39 0444-239569

e-mail address of the competent person

responsible for the Safety Data Sheet quality@pucosmetica.it

1.4. Emergency telephone number

For urgent inquiries refer to +39 0444-239569

#### **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 1A H317 May cause an allergic skin reaction.

#### 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.

H317 May cause an allergic skin reaction.

Precautionary statements:

P280 Wear protective gloves / eye protection / face protection.
P261 Avoid breathing dust / fume / gas / mist / vapours / spray.
P333+P313 If skin irritation or rash occurs: Get medical advice / attention.

### REF 2498 - SP147 SPICY RED

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 2 / 11

#### SECTION 2. Hazards identification .../>>

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

P264 Wash . . . thoroughly after handling.

P362+P364 Take off contaminated clothing and wash it before reuse.

**Contains:** 2-hydroxyethyl methacrylate

Hydroxypropyl methacrylate Polyurethane acrylate oligomer

#### 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)

Polyurethane acrylate oligomer

INDEX 47,5 ≤ x < 50 Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1A H317

EC CAS

2-hydroxyethyl methacrylate

INDEX 607-124-00-X  $24 \le x < 25,5$  Eye Irrit. 2 H319, Skin Irrit. 2 H315, Skin Sens. 1 H317, Classification note

according to Annex VI to the CLP Regulation: D

EC 212-782-2 CAS 868-77-9

Hydroxypropyl methacrylate

INDEX  $24 \le x < 25,5$  Eye Irrit. 2 H319, Skin Sens. 1 H317

EC 248-666-3 CAS 27813-02-1

TPO

INDEX 015-203-00-X  $2,5 \le x < 3$  Repr. 2 H361f

EC 278-355-8 CAS 75980-60-8

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

Contact with eyes: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check and remove any contact lenses. Continue rinsing for at least 10 minutes. Consult a doctor.

Inhalation: Remove the victim to fresh air and keep him at rest in a position comfortable for breathing.

If fumes are suspected to still be present, the rescuer should wear an appropriate mask or self-contained breathing apparatus.

If you are not breathing, if your breathing is irregular

or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel.

It can be dangerous for the person providing aid to perform mouth-to-mouth resuscitation.

mouth. Seek medical attention if adverse health effects persist or are severe.

If necessary, call a poison control center or doctor. In case of unconsciousness, place in recovery position and seek medical assistance immediately. Keep the airway open. Loosen tight clothing such as collars, ties, belts or bands.

Skin contact: Wash thoroughly with soap and water. Remove contaminated clothing and shoes.

Wash contaminated clothing thoroughly with water before removing or wearing gloves.

Continue rinsing for at least 10 minutes. Seek medical assistance. In case of complaints or symptoms, avoid further exposure. Wash clothes before

to reuse them. Clean your shoes thoroughly before using them again.

Ingestion: Rinse mouth with water. Remove any dentures. If the material has been swallowed and the exposed person is conscious, give small amounts of water to drink. Stop if the exposed person feels sick because vomiting can be dangerous. Do not induce vomiting unless directed by medical personnel. If vomiting occurs, the head should be kept low so that the vomit does not enter the lungs. Seek medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If she is unconscious, place her in the recovery

## REF 2498 - SP147 SPICY RED

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 3 / 11

#### SECTION 4. First aid measures .../>>

position and seek medical attention immediately.

Keep the airway open. Loosen tight clothing such as collar, tie, belt or waist.

Protection of first aid workers: No action should be taken which involves personal risk or without adequate training. It can be dangerous for the person providing aid to perform mouth-to-mouth resuscitation.

Wash contaminated clothing thoroughly with water before removing or wearing gloves.

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

Eye contact: Symptoms may be as follows:

Pain or irritation

Tearing

Redness

Inhalation: No specific data.

Skin contact: Symptoms may be as follows:

Irritation

Redness

Ingestion: No specific data.

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

Notes to physician: Treat symptomatically. Contact a poison treatment specialist immediately if large quantities are ingested or inhaled

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

#### 5.1. Extinguishing media

Suitable extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Unsuitable extinguishing media: Do not use water jet.

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

Hazards arising from the substance or mixture: In case of fire or heating, a pressure increase will occur and the container may burst.

Hazardous Combustion Products: Decomposition products may include the following materials:

carbon dioxide

carbon monoxide

phosphorus oxides

metal oxides/oxides

#### 5.3. Advice for firefighters

Special protective actions for firefighters: Promptly isolate the scene by removing all people from the vicinity of the accident in case of fire. You should not take any action that involves personal risk or without one adequate training

Special protective equipment for firefighters: Firefighters must wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a face shield operating in positive pressure mode. Firefighter clothing (including helmets, protective boots and gloves) conforming to the European standard EN 469 will provide a basic level of protection for chemical incidents.

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

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

For non-emergency personnel: No action shall be taken involving any personal risk or without adequate training.

Evacuate surrounding areas. Prevent access to unnecessary and unprotected personnel. Do not touch or walk on the material. Turn off all sources of ignition. Avoid breathing vapors or mists. Ensure adequate ventilation. Wear an appropriate respirator when ventilation is inadequate. Wear appropriate personal protective equipment.

For emergency responders: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also what is reported in "For non-emergency personnel".

#### 6.2. Environmental precautions

Avoid dispersion of spilled material, runoff and contact with soil, waterways and sewers.

Inform the competent authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

Small spill: Stop spill if safe. Move containers away from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and clean if it is water soluble.

Alternatively, or if it is not soluble in water, absorb with an inert, dry material and place in an appropriate container for waste disposal.

**REF 2498 - SP147 SPICY RED** 

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 4 / 11

#### SECTION 6. Accidental release measures .../>>

Dispose of via a licensed waste disposal company.

authorized for waste disposal.

Large spill: stop the leak if there is no risk. Move containers from spill area. Approach release from upwind. Avoid entry into sewers, waterways, basements or confined areas.

Wash spills at an effluent treatment plant or do the following. Contain and collect spillage with non-combustible absorbent material, e.g. sand, earth, vermiculite or diatomaceous earth and place them in a container for disposal according to local regulations. Dispose of through a licensed waste disposal contractor.

Contaminated absorbent material can pose the same hazard as spilled product.

#### 6.4. Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate protective equipment.

See section 13 for further information on waste treatment.

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

#### 7.1. Precautions for safe handling

Protective measures: Wear appropriate personal protective equipment (see Section 8). People with skin sensitization problems should not be employed in processes where this product is used. Do not get in eyes, on skin or clothing. Do not swallow.

Avoid breathing vapors or mist. Store in the original container or an approved alternative container

approved alternative, made of a compatible material and kept tightly closed when not in use.

Empty containers retain product residue and can be dangerous. Do not reuse the container.

General occupational hygiene advice: Eating, drinking and smoking are prohibited in areas where the material is handled, stored or processed. Workers must wash their hands and faces before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering food and beverage areas. See also Section 8 for further information on hygiene measures.

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

Shield UV light sources. Store in accordance with local regulations. Store in the original container away from direct sunlight, in a dry, cool and well-ventilated place, away from incompatible materials (see Section 10) and food and drink.

Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully

carefully closed and kept in a vertical position to avoid leaks. Do not store in unlabeled containers. Use an appropriate container to avoid contamination of the environment. Consult Section 10 for incompatible materials before handling or use.

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

Not available.

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

#### 8.1. Control parameters

2-hydroxyethyl methacrylate										
Health - Derived no-eff	ect level - D	NEL / DMEL								
	Effects or	n consumers								
Route of exposure	Acute	Acute	Chronic	Chronic	Acute local	Acute	Chronic	Chronic		
	local	systemic	local	systemic		systemic	local	systemic		
Oral		-		0,83						
				mg/kg bw/d						
Inhalation				2,9				4,9		
				mg/m3				mg/m3		
Skin				0,83				1,3		
				mg/kg bw/d				mg/kg		
								bw/d		

## REF 2498 - SP147 SPICY RED

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 5 / 11

SECTION 8. Exposure controls/personal protection .../>>

			Hydroxypro	opyl methacryla	ite			
lealth - Derived no-eff	ect level - D	NEL / DMEL						
	Effects on consumers			Effects on workers				
Route of exposure	Acute	Acute	Chronic	Chronic	Acute local	Acute	Chronic	Chronic
	local	systemic	local	systemic		systemic	local	systemic
Oral				2,5				
				mg/kg bw/d				
Inhalation				8,8				14,7
				mg/m3				mg/m3
Skin				2,5				4,2
				mg/kg bw/d				mg/kg
								bw/d

				TPO				
lealth - Derived no-eff	ect level - C	NEL / DMEL						
	Effects of	n consumers						
Route of exposure	Acute	Acute	Chronic	Chronic	Acute local	Acute	Chronic	Chronic
	local	systemic	local	systemic		systemic	local	systemic
Oral				83,3				
				μg/kg				
Inhalation				0,145				0,822
				mg/m3				mg/m3
Skin				83,3				0,233
				μg/kg				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

Protect hands with category III work gloves.

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

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

Appearance Liquid. [Gel]
Colour red

Odour Characteristic. Acrylate smell

Melting point / freezing point

## REF 2498 - SP147 SPICY RED

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 6 / 11

#### SECTION 9. Physical and chemical properties ..../>>

not available Initial boiling point not available Flammability not available Lower explosive limit not available Upper explosive limit not available 93.3 °C Flash point Auto-ignition temperature not available not available Decomposition temperature not available рН not available Kinematic viscosity Solubility not available Partition coefficient: n-octanol/water not available not available Vapour pressure Density and/or relative density 1,13 not available Relative vapour density 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

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

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

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 7 / 11

#### SECTION 11. Toxicological information .../>>

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:

Not classified (no significant component)

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

2-hydroxyethyl methacrylate

LD50 (Oral): 5050 mg/kg

Hydroxypropyl methacrylate

LD50 (Oral): 11200 mg/kg rat

SKIN CORROSION / IRRITATION

Causes skin irritation

**SERIOUS EYE DAMAGE / IRRITATION** 

Causes serious eye irritation

**RESPIRATORY OR SKIN SENSITISATION** 

Sensitising for the skin

**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

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.

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 8 / 11

#### SECTION 12. Ecological information .../>>

#### 12.1. Toxicity

2-hydroxyethyl methacrylate

LC50 - for Fish 227000 μg/l

#### 12.2. Persistence and degradability

Information not available

#### 12.3. Bioaccumulative potential

TPC

BCF: 53 to 72, Potential: low

2-hydroxyethyl methacrylate

Partition coefficient: n-octanol/water 0,42 Potenziale: basso

Hydroxypropyl methacrylate

Partition coefficient: n-octanol/water 0,97 potenziale: basso

TPO

BCF > 53 basso

#### 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

#### 14.2. UN proper shipping name

not applicable

REF 2498 - SP147 SPICY RED

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 9 / 11

#### SECTION 14. Transport information .../>>

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 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:

None

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

**Product** 

Point :

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)

TPC

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 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:

Repr. 2 Reproductive toxicity, category 2
Eye Irrit. 2 Eye irritation, category 2
Skin Irrit. 2 Skin irritation, category 2
Skin Sens. 1 Skin sensitization, category 1
Skin Sens. 1A Skin sensitization, category 1A
H361f Suspected of damaging fertility.

### REF 2498 - SP147 SPICY RED

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 10 / 11

#### SECTION 16. Other information .../>>

H319 Causes serious eye irritation. H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

#### 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 (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)
- 23. Delegated Regulation (UE) 2023/707
- 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

Revision nr.1 Dated 01/02/2024 First compilation Printed on 01/02/2024 Page n. 11 / 11

#### SECTION 16. Other information .../>>

- 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.