

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

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

1.1. Product identifier

Code: 0030206
Name: PULIPIATTI
UFI: NGM0-U0J4-K00J-TTUN

1.2. Relevant identified uses of the substance or mixture and discouraged uses

Area of use: SU21 - Consumer Uses
Product Category: PC35 – Washing and cleaning products (including solvent-based products)
Description/Use: Hand dishwashing detergent

1.3. Information on the safety data sheet provider

Company Name: MARBEC S.R.L.
Address: VIA CROCE ROSSA 5/i
Location and State: 51037 MONTALE (PISTOIA)
ITALY
tel. +039 0573/959848

e-mail address of the competent person,

Safety Data Sheet Manager: info@marbec.it
Supplier:

1.4. Emergency telephone number

For urgent information, please contact

MARBEC srl
+39 0573959848 8.30 a.m.-1 p.m. 2 p.m.-6 p.m. or +39 3348578502

Poison Control Center telephone numbers available 24 hours a day

IRCSS Fondazione Maugeri –
Pavia 0039-0382-24444

CAV Ospedali Riuniti –
Bergamo 0039-800-883300

CAV Ospedale Niguarda Ca` Granda –
Milan 0039-02-66101029

CAV Ospedale Careggi- Florence 0039-055-7947819

CAV Policlinico Gemelli –
Rome 0039-06-3054343

CAV Policlinico Umberto I –
Rome 0039-06 49978000

CAV Cardarelli Hospital –
Naples 0039-081 5453333

CAV Verona Integrated Hospital - Verona 800011858

SECTION 2. Hazard identification

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations). The product therefore requires a safety data sheet that complies with the provisions of Regulation (EU) 2020/878. Any additional information regarding risks to health and/or the environment is reported in sections 11 and 12 of this sheet.

Classification and hazard statements:

Serious eye injuries, category 1	H318	It causes serious eye damage.
Skin irritation, category 2	H315	Causes skin irritation.

2.2. Label elements

Hazard labelling in accordance with Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adaptations.

Hazard pictograms:



Warnings: Danger

Hazard statements:

H318 It causes serious eye damage.

H315 Causes skin irritation.

EUH208 Contains: CITRAL, BENZYL ALCOHOL
It can cause an allergic reaction.

Precautionary statements:

P102 Keep out of reach of children.

P101 If medical advice is needed, have product container or label at hand.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P280 Wear protective gloves and eye protection/face protection.

P310 Immediately call a POISON CENTER/doctor/ ...

P264 Wash hands thoroughly after handling.

Contains: Dodecyl Benzene Sulfonic Acid, C10 -C13 - alkyl derivatives, sodium salts
Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

Ingredients (Regulation 648/2004)

Surfactants between 5% and 15% Fragrance: Citral Preservatives: Sodium Benzoate

2.3. Other hazardsBased on the available data, the product does not contain PBT or vPvB substances in a percentage \geq to 0.1%.The product does not contain endocrine-disrupting substances in a concentration \geq 0.1%.**SECTION 3. Composition/ingredient information****3.2. Mixtures**

Contains:

Identification**x = Conc. %****Classification 1272/2008 (CLP)****Dodecyl Benzene Sulfonic Acid,
C10 -C13 - alkyl derivatives,
sodium salts**

INDEX -

 $5 \leq x < 15$ Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 3
H412
LD50 Oral: 833.33 mg/kg

CE 270-115-0

CAS 68411-30-3

Reg. REACH 01-2119489428-22-
0063**Alcohols, C12-14, ethoxylated,
sulfates, sodium salts**

INDEX -

 $1 \leq x < 5$

Eye Dam. 1 H318, Skin Irrit. 2 H315, Aquatic Chronic 3 H412

CE 500-234-8

CAS 68891-38-3

Reg. REACH 01-2119488639-16

BENZYL ALCOHOL

INDEX 603-057-00-5

 $0.1 \leq x < 0.5$

Acute Tox. 4 H302, Eye Irrit. 2 H319, Skin Sens. 1B H317

CE 202-859-9

CAS 100-51-6

LD50 Oral: 1200 mg/kg

CITRALE

INDEX -

 $0.1 \leq x < 0.2$

Eye irritation. 2 H319, Skin Irritation. 2 H315, Skin Sens. 1 H317

CE 226-394-6

CAS 5392-40-5

The full text of the hazard statements (H) can be found in section 16 of the data sheet.

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

SECTION 4. First aid measures**4.1. Description of first aid measures**

If in doubt or if you have symptoms, contact a doctor and show him this document.
In case of more severe symptoms, call 118 for immediate medical help.

EYES: Remove, if present, contact lenses if the situation allows the operation to be carried out easily. Wash immediately and thoroughly with water for at least 15 minutes, opening the eyelids wide. Seek medical attention immediately.

SKIN: Remove contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Consult a doctor. Avoid further contact with contaminated clothing.

INGESTION: Do not induce vomiting unless expressly authorized by your doctor. Do not administer anything orally if the subject is unconscious. Seek medical attention immediately.

INHALATION: Take the subject to fresh air away from the scene of the accident. In case of respiratory symptoms (cough, dyspnea, difficulty breathing, asthma) keep the victim in a comfortable position for breathing. If necessary, administer oxygen. If breathing stops, practice artificial respiration. Seek medical attention immediately.

Protecting Rescuers

It is good practice for the rescuer who is helping a person who has been exposed to a chemical substance or mixture to wear personal protective equipment. The nature of such protections depends on the hazardousness of the substance or mixture, the mode of exposure and the extent of contamination. In the absence of other more specific indications, it is recommended to use disposable gloves in case of possible contact with biological liquids. For the type of PPE suitable for the characteristics of the substance or mixture, refer to section 8.

4.2. Main symptoms and effects, both acute and delayed

No specific information is known about the symptoms and effects caused by the product.

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

4.3. Indication of the need for immediate medical advice and special treatment

Contact a POISON CENTER / doctor / . . . immediately

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

Running water for skin and eye washing.

SECTION 5. Firefighting measures**5.1. Extinguishing means****SUITABLE EXTINGUISHING MEANS**

The means of extinguishing are the traditional ones: carbon dioxide, foam, dust and water spray.

UNSUITABLE MEANS OF EXTINGUISHING

No one in particular.

5.2. Special hazards arising from the substance or mixture**HAZARDS DUE TO EXPOSURE IN THE EVENT OF FIRE**

Avoid breathing in the combustion products.

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

5.3. Recommendations for firefighters

GENERAL INFORMATION

Cool the containers with water jets to prevent the product from decomposing and developing substances that are potentially hazardous to health. Always wear full fire protection equipment. Collect extinguishing water that should not be discharged into the sewers. Dispose of contaminated water used for extinguishing and residual fire according to current regulations.

EQUIPMENT

Normal firefighting clothing, such as an open-circuit compressed air breathing apparatus (EN 137), flame-retardant suit (EN469), flame-retardant gloves (EN 659) and firefighter boots (HO A29 or A30).

SECTION 6. Measures in the event of accidental release**6.1. Personal Precautions, Protective Equipment and Emergency Procedures**

Stop the leak if there is no danger.

Wear appropriate protective equipment (including personal protective equipment referred to in section 8 of the Safety Data Sheet) to prevent contamination of the skin, eyes and personal clothing. These indications are valid both for workers and for emergency interventions.

6.2. Environmental precautions

Prevent the product from entering sewers, surface water, groundwater.

6.3. Methods and materials for containment and remediation

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

Provide sufficient ventilation of the place affected by the leak. Disposal of contaminated material shall be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding personal protection and disposal can be found in sections 8 and 13.

SECTION 7. Handling and storage**7.1. Precautions for safe handling**

Handle the product after consulting all other sections of this safety data sheet. Avoid dispersing the product into the environment. Do not eat, drink, or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities

Store only in the original container. Store closed containers in a well-ventilated place, away from direct sunlight. Store containers away from any incompatible materials, checking section 10.

7.3. Special end-uses

Information not available

SECTION 8. Exposure/Personal Protection Controls

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

8.1. Control parameters

Regulatory references:

TLV-ACGIH

ACGIH 2023

Dodecyl Benzene Sulfonic Acid, C10 -C13 - alkyl derivatives, sodium salts

Predicted concentration of no effect on the environment - NECP

Reference value in fresh water	0,268	mg/l
Reference value in seawater	0,0268	mg/l
Reference value for freshwater sediment	8,1	mg/kg
Reference value for sediment in seawater	8,1	mg/kg
Water reference value, intermittent release	0,0167	mg/l
Reference value for STP microorganisms	3,43	mg/l
Reference value for the land compartment	35	mg/kg

Health - Derived Level of No-Effect - DNEL / DMEL

Exhibition Street	Effects on consumers			Effects on workers				
	Acute rooms	Acute systemic	Chronic Premises	Chronic systemic	Acute rooms	Acute systemic	Chronic Premises	Chronic systemic
Oral				0.425 mg/kg bw/d				
Inhalation				1.3 mg/m3				7.6 mg/m3
Dermal				42.5 mg/kg bw/d				119 mg/kg bw/d

BENZYL ALCOHOL

Predicted concentration of no effect on the environment - NECP

Reference value in fresh water	1	mg/l
Reference value in seawater	0,1	mg/l
Reference value for freshwater sediment	5,27	mg/kg/d
Reference value for sediment in seawater	0,527	mg/kg/d
Water reference value, intermittent release	2,3	mg/l
Reference value for STP microorganisms	39	mg/l
Reference value for the land compartment	0,456	mg/kg/d

Health - Derived Level of No-Effect - DNEL / DMEL

Exhibition Street	Effects on consumers			Effects on workers				
	Acute rooms	Acute systemic	Chronic Premises	Chronic systemic	Acute rooms	Acute systemic	Chronic Premises	Chronic systemic
Oral		20 mg/kg BW/D		4 mg/kg bw/d				
Inhalation		27 mg/m3		5.4 mg/m3		110 mg/m3		22 mg/m3
Dermal		20 mg/kg BW/D		4 mg/kg bw/d		40 mg/kg bw/d		8 mg/kg BW/D

CITRALE**Threshold limit value**

Type	Status	TWA/8h	STEL/15min	Notes / Remarks
		mg/m3	ppm	mg/m3
				ppm

TLV-ACGIH

5

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

Legend:

(C) = CEILING ; INALAB = Inhalable fraction; RESPIR = respirable fraction; TORAC = Thoracic fraction.

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

8.2. Exposure Controls

Considering that the use of appropriate technical measures should always take priority over personal protective equipment, ensure good ventilation in the workplace by means of effective local suction.

When choosing personal protective equipment, seek advice from your chemical suppliers if necessary.

Personal protective equipment must bear the CE marking certifying its compliance with current standards.

Provide emergency showers with visocular basin.

HAND PROTECTION

Protect your hands with category III work gloves.

For the final choice of the material of the work gloves (ref. EN 374 standard) the following must be considered: compatibility, degradation, permeation time. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and mode of use.

SKIN PROTECTION

Wear long-sleeved work clothes and safety footwear for professional use of category II (ref. Regulation 2016/425 and EN ISO 20344 standard). Wash with soap and water after removing protective clothing.

EYE PROTECTION

It is recommended to wear airtight protective goggles (ref. EN ISO 16321 standard).

RESPIRATORY PROTECTION

The use of respiratory protective equipment is necessary if the technical measures adopted are not sufficient to limit the worker's exposure to the threshold values taken into consideration. It is recommended to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use. (ref. EN 14387 standard).

In the event that the substance in question is odourless or its odour threshold is higher than the relevant TLV-TWA and in an emergency, wear an open-circuit compressed air breathing apparatus (ref. EN 137 standard) or an external air intake respirator (ref. EN 138 standard). For the correct choice of respiratory protective device, refer to EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS

Emissions from production processes, including those from ventilation equipment, should be controlled for compliance with environmental protection legislation.

SECTION 9. Physical and chemical properties**9.1. Information on fundamental physical and chemical properties**

Properties	Value	Information
Physical State	viscous liquid	

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

Color	Green
Odor	lemon
Melting or freezing point	Out of stock
Initial boiling point	Out of stock
Flammability	Out of stock
Lower explosive limit	Out of stock
Upper explosive limit	Out of stock
Flash point	> 60 °C
Auto-ignition temperature	Out of stock
Decomposition Temperature	Out of stock
pH	7,8
Kinematic viscosity	Out of stock
Solubility	soluble
Partition coefficient: n-octanol/water:	Out of stock
Vapour pressure	Out of stock
Density and/or Relative Density	1,025 +/- 0,050
Relative vapor density	Out of stock
Particle characteristics	Not applicable

9.2. Other information

9.2.1. Information on classes of physical hazards

Information not available

9.2.2. Other security features

Information not available

SECTION 10. Stability and responsiveness**10.1. Responsiveness**

There is no particular danger of reaction with other substances under normal conditions of use.

BENZYL ALCOHOL

It decomposes at temperatures above 870°C/1598°F. Possibility of explosion.

10.2. Chemical Stability

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

10.3. Possibility of dangerous reactions

Under normal use and storage, no hazardous reactions are to be expected.

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

BENZYL ALCOHOL

It can react dangerously with: hydrobromidic acid, iron, oxidizing agents, sulfuric acid. Risk of explosion in contact with: phosphorus trichloride.

10.4. Conditions to be avoided

None in particular. However, follow the usual caution with regard to chemicals.

BENZYL ALCOHOL

Avoid exposure to: air, heat sources, open flames.

10.5. Incompatible Materials

BENZYL ALCOHOL

Incompatible with: sulphuric acid, oxidizing substances, aluminium.

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

In the absence of experimental toxicological data on the product itself, the possible health hazards of the product were evaluated on the basis of the properties of the substances contained, according to the criteria provided for by the reference legislation for classification.

Therefore, consider the concentration of the individual hazardous substances that may be mentioned in section 3, to evaluate the toxicological effects deriving from exposure to the product.

11.1. Information on hazard classes defined in Regulation (EC) No 1272/2008Metabolism, kinetics, mechanism of action and other information

Information not available

Information on probable routes of exposure

Information not available

Immediate, delayed and chronic effects from short- and long-term exposures

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:

Unclassified (no relevant components)

ATE (Oral) of the mixture:

>2000 mg/kg

ATE (Cutaneous) of the mixture:

Unclassified (no relevant components)

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

Dodecyl Benzene Sulfonic Acid, C10 -C13 - alkyl derivatives, sodium salts

LD50 (Cutaneous): > 2000 mg/kg Rat
LD50 (Oral): 833,33 mg/kg Ratto

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

LD50 (Cutaneous): > 2000 mg/kg Rat
LD50 (Oral): 4100 mg/kg Ratto

BENZYL ALCOHOL

LD50 (Cutaneous): 2000 mg/kg Rabbit
LD50 (Oral): 1200 mg/kg
LC50 (Vapor Inhalation): > 4,1 mg/l/4h Rat

CITRALE

LD50 (Cutaneous): > 2000 mg/kg Rat
LD50 (Oral): 6800 mg/kg Rat

SKIN CORROSION / SKIN IRRITATION

Causes skin irritation

Dodecyl Benzene Sulfonic Acid, C10 -C13 - alkyl derivatives, sodium salts
Irritant

SEVERE EYE DAMAGE/EYE IRRITATION

Causes serious eye damage

Dodecyl Benzene Sulfonic Acid, C10 -C13 - alkyl derivatives, sodium salts
Irritant

RESPIRATORY OR SKIN SENSITIZATION

It can cause an allergic reaction.

Contains:

CITRALE

BENZYL ALCOHOL

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

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

Does not meet the classification criteria for this hazard class

DANGER IN CASE OF SUCTION

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 any substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

SECTION 12. Ecological information

Use according to good working practices, avoiding dispersing the product into the environment. Notify the competent authorities if the product has reached watercourses or if it has contaminated soil or vegetation.

12.1. Toxicity**CITRALE**

LC50 - Fish	6,78 mg/l/96h <i>Leuciscus idus</i>
EC50 - Crustaceans	6,8 mg/l/48h <i>Daphnia magna</i>
EC50 - Algae / Aquatic Plants	103,84 mg/l/72h <i>Scenedesmus subspicatus</i>

**Dodecyl Benzene Sulfonic Acid, C10 -C13 -
alkyl derivatives, sodium salts**

LC50 - Fish	> 1 mg/l/96h <i>Lepomis Macrochirus</i>
EC50 - Crustaceans	> 1 mg/l/48h <i>Dafnia Magna</i>
EC50 - Algae / Aquatic Plants	2.3 mg/l/72h
NOEC Chronic Pisces	1 mg/l <i>Lepomis Macrochirus</i>
NOEC Chronic Crustaceans	2,9 mg/l <i>Dafnia Magna</i>
NOEC Chronic Algae / Aquatic Plants	> 4 mg/l <i>Elodea Canadensis</i>

**Alcohols, C12-14, ethoxylated, sulfates,
sodium salts**

EC50 - Crustaceans	7,2 mg/l/48h <i>Dafnia Magna</i>
EC50 - Algae / Aquatic Plants	27 mg/l/72h <i>Desmodesmus subspicatus</i>
NOEC Chronic Pisces	0.2 mg/l <i>Oncorhynchus mykiss</i>
NOEC Chronic Algae / Aquatic Plants	0,93 mg/l <i>Desmodesmus subspicatus</i>

12.2. Persistence and degradability**CITRALE**
**Quickly degradable
BENZYL ALCOHOL**

Water solubility	40000 mg/l
------------------	------------

**Quickly degradable
Dodecyl Benzene Sulfonic Acid, C10 -C13 -**
alkyl derivatives, sodium salts

Water solubility	250000 mg/l
------------------	-------------

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

Quickly degradable
Alcohols, C12-14, ethoxylated, sulfates,
sodium salts
Quickly degradable

12.3. Bioaccumulation potential

CITRALE

Partition coefficient: n-octanol/water 2,76
BCF 89,72

BENZYL ALCOHOL

Partition coefficient: n-octanol/water 1,1
BCF 1.37 l/kg

Dodecyl Benzene Sulfonic Acid, C10 -C13 -
alkyl derivatives, sodium salts

Partition coefficient: n-octanol/water 1.4 Log Kow

Alcohols, C12-14, ethoxylated, sulfates,
sodium salts

Partition coefficient: n-octanol/water 0.3 Log Kow

12.4. Mobility in soil

BENZYL ALCOHOL

Coefficient of distribution: soil/water 15.7 l/kg Calculated

12.5. Results of the PBT and vPvB assessment

Based on the available data, the product does not contain PBT or vPvB substances in a percentage \geq to 0.1%.

12.6. Endocrine Disrupting Properties

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

12.7. Other adverse effects

Information not available

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Reuse, if possible. Product residues are to be considered hazardous special waste. The hazardousness of waste containing part of this product must be assessed in accordance with the applicable legal provisions.

Disposal must be entrusted to a company authorized to manage waste, in compliance with national and possibly local legislation.

The management of waste originating from the use or dispersion of this product must be organized in compliance with the regulations relating to safety at work. See section 8 for any need for PPE supplies.

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

CONTAMINATED PACKAGING

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

SECTION 14. Transportation Information

The product is not to be considered dangerous under the current regulations on the transport of dangerous goods by road (A.D.R.), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN number or ID number

Not applicable

14.2. Official UN transport designation

Not applicable

14.3. Transport hazard classes

Not applicable

14.4. Packaging group

Not applicable

14.5. Hazards to the environment

Not applicable

14.6. Special precautions for users

Not applicable

14.7. Bulk shipping in accordance with IMO acts

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

Information not applicable

SECTION 15. Regulatory Information**15.1. Laws and regulations on health, safety and the environment specific to the substance or mixture**

Seveso Category - Directive 2012/18/EU: None

Restrictions on the product or substances contained in Annex XVII Regulation (EC) 1907/2006Product

Point 3 - 40

Substances contained

Point 75

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

Not applicable

Sostanze in Candidate List (Art. 59 REACH)Based on the available data, the product does not contain SVHC substances in a percentage \geq to 0.1%.Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to export notification Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Health Checks

Workers exposed to this chemical agent dangerous to health must be subjected to health surveillance carried out in accordance with the provisions of art. 41 of Legislative Decree 81 of 9 April 2008 unless the risk to the safety and health of the worker has been assessed as irrelevant, in accordance with the provisions of art. 224 paragraph 2.

Regulation (EC) No 648/2004

Ingredients compliant with Regulation (EC) No. 648/2004

The surfactant(s) contained in this formulation complies with the biodegradability criteria established by Regulation (EC) No. 648/2004 on detergents. All

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

supporting data shall be kept available to the competent authorities of the Member States and shall be provided, at their explicit request or at the request of a manufacturer of the formulation, to the said authorities.

15.2. Chemical Safety Assessment

A chemical safety assessment was carried out for the following substances contained:

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

BENZYL ALCOHOL

SECTION 16. Other information

Text of the hazard statements (H) mentioned in sections 2-3 of the sheet:

Acute Tox. 4	Acute toxicity, category 4
Eye Dam. 1	Serious eye injuries, category 1
Eye Irrit. 2	Eye irritation, category 2
Skin Irrit. 2	Skin irritation, category 2
Skin Sens. 1	Skin sensitization, category 1
Skin Sens. 1B	Skin sensitization, category 1B
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic toxicity, category 3
H302	Harmful if ingested.
H318	It causes serious eye damage.
H319	It causes severe eye irritation.
H315	Causes skin irritation.
H317	It can cause an allergic skin reaction.
H412	Harmful to aquatic organisms with long-lasting effects.

LEGEND:

- ADR: European Agreement for the Carriage of Dangerous Goods by Road
- ATE/STA: Acute Toxicity Estimation
- CAS: Chemical Abstract Service Number
- EC: Identification number in ESIS (European Repository of Existing Substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived level with no effect
- EC50: Concentration that affects 50% of the population being tested
- EmS: Emergency Schedule
- GHS: Global Harmonized System for the Classification and Labelling of Chemicals
- IATA DGR: Regulations for the Carriage of Dangerous Goods of the International Air Transport Association
- IC50: Immobilization concentration of 50% of the test population
- IMDG: International Maritime Code for the Transport of Dangerous Goods
- IMO: International Maritime Organization
- INDEX: Identification number in Annex VI of the CLP
- LC50: Lethal concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational exposure level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predictable environmental concentration
- PEL: Predictable level of exposure
- PMT: Persistent, mobile, and toxic
- PNEC: Predictable no-effect concentration
- REACH: Regulation (EC) 1907/2006

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

- RID: Regulations for the International Carriage of Dangerous Goods by Train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded during any time of occupational exposure.
- TWA: Weighted Average Exposure Limit
- TWA STEL: Short-Term Exposure Limit
- VOC: Volatile Organic Compound
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Aquatic hazard class (Germany).

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
 2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
 3. Regulation (EU) 2020/878 (Annex II REACH Regulation)
 4. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
 5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
 6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
 7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
 8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
 9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
 10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
 11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
 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 (EU) 2018/1480 (XIII ATP. CLP)
 17. Regulation (EU) 2019/1148
 18. Delegated Regulation (EU) 2020/217 (XIV ATP. CLP)
 19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
 20. Delegated Regulation (EU) 2021/643 (XVI ATP. CLP)
 21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
 22. Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)
 23. Delegated Regulation (EU) 2023/707
 24. Delegated Regulation (EU) 2023/1434 (XIX Atp. CLP)
 25. Delegated Regulation (EU) 2023/1435 (XX Atp. CLP)
 26. Delegated Regulation (EU) 2024/197 (XXI Atp. CLP)
- The Merck Index. - 10th Edition
 - Handling Chemical Safety
 - INRS - Toxicological sheet
 - Patty - Industrial Hygiene and Toxicology
 - N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
 - IFA GESTIS website
 - ECHA Agency website
 - Database of SDS models of chemical substances - Ministry of Health and Istituto Superiore di Sanità

Note to the user:

The information contained in this sheet is based on the knowledge available to us at the date of the last version. The user must ensure that the information is suitable and complete in relation to the specific use of the product.

This document should not be construed as a guarantee of any specific property of the product.

Since the use of the product does not fall under our direct control, it is the user's obligation to observe the laws and regulations in force on hygiene and safety under their own responsibility. They do not accept responsibility for improper use.

Provide adequate training to personnel involved in the use of chemical products.

CLASSIFICATION CALCULATION METHODS

Chemical and physical hazards: The classification of the product has been derived from the criteria established by the CLP Regulation Annex I Part 2. The methods for evaluating the chemical and physical properties are given in section 9.

Health hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 3, unless otherwise indicated in section 11.

Environmental hazards: The classification of the product is based on the calculation methods set out in Annex I of CLP Part 4, unless otherwise indicated in section 12.

MARBEC S.R.L.

Revision No. 1

Revision date 21/01/2026

0030206 - PULIPIATTI

Printed on 21/01/2026

Page No. 17/17

First issue

Safety Data Sheet

Complies with Annex II of REACH - Regulation (EU) 2020/878

Changes from previous revision

Changes have been made to the following sections:

01 / 02 / 03 / 04 / 08 / 09 / 10 / 11 / 12 / 13 / 15 / 16.