

Information sheet

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

1.1. Product identifier

Code: PI0005400
Name: PULI INFISSI
Chemical name and synonyms: PULI INFISSI

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

Area of use: SU22 – Professional Uses SU21 – Consumer Uses
Product Category: PC35 – Washing and cleaning products (including solvent-based products)
Description/Use: Multifunctional alkaline cleaner

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
Fax:

e-mail address of the competent person,

Safety Data Sheet Manager: info@marbec.it

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

Telephone number of Poison Control Centers active 24 hours a day

IRCSS Maugeri Foundation –

Pavia 0039-0382-24444

CAV Ospedali Riuniti –

Bergamo 0039-800-883300

CAV Niguarda Ca' Granda Hospital –

Milan 0039-02-66101029

CAV Careggi Hospital- 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 Azienda Ospedaliera Integrata Verona - Verona 800011858

SECTION 2. Hazard identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations).
Classification and hazard statements:

2.2. Label elements

Hazard pictograms: --

Warnings: --

Hazard statements:

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Precautionary statements:

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

Nonionic surfactants <5%, 1,2-benzisothiazol-3(2H)-one, Na pyrithione.

2.3. Other hazards

Based 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

The product does not contain substances classified as hazardous to health or the environment pursuant to the provisions of Regulation (EU) 1272/2008 (CLP) (as subsequently amended and adapted) in quantities that require declaration.

SECTION 4. First aid measures

4.1. Description of first aid measures

EYES: Discard any contact lenses. Wash immediately and abundantly with water for at least 30/60 minutes, opening the eyelids well. Seek medical attention immediately.

SKIN: To take off contaminated clothes. Take a shower immediately. Seek medical attention immediately.

INGESTION: Drink as much water as possible. Seek medical attention immediately. Do not induce vomiting unless expressly authorized by your doctor.

INHALATION: Call a doctor immediately. Take the subject to fresh air, away from the accident site. If breathing stops, practice artificial respiration. Take proper precautions for the rescuer.

4.2. Main symptoms and effects, both acute and delayed

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

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

Information not available

SECTION 5. Firefighting measures

5.1. Extinguishing means

SUITABLE EXTINGUISHING MEANS

Choose the most appropriate extinguishing means for the specific situation.

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

The product is not flammable or combustible.

5.3. Recommendations for firefighters

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.

Storage class TRGS 510 (Germany):

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7.3. Special end-uses

Information not available

SECTION 8. Exposure/Personal Protection Controls

8.1. Control parameters

Information not available

8.2. Exposure Controls

Observe the usual safety precautions when handling chemicals.

Observe the usual safety precautions when handling chemicals.

HAND PROTECTION

Not necessary.

SKIN PROTECTION

Not necessary.

EYE PROTECTION

Not necessary.

RESPIRATORY PROTECTION

Not necessary, unless otherwise stated in the chemical risk assessment.

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	liquid	
Color	colorless	
Odor	odorless	
Melting or freezing point	Out of stock	

Initial boiling point	Out of stock
Flammability	non-combustible
Lower explosive limit	Not applicable
Upper explosive limit	Not applicable
Flash point	> 90 °C
Auto-ignition temperature	Out of stock
pH	10-11
Kinematic viscosity	Out of stock
Solubility	miscible in water
Partition coefficient: n-octanol/water	Out of stock
Vapour pressure	Out of stock
Density and/or Relative Density	1,015 kg/l
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

VOC (Directive 2010/75/EU)	0 gr/lt
Explosive properties	Non-explosive
Oxidizing properties	Non-oxidizing

SECTION 10. Stability and responsiveness

10.1. Responsiveness

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

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.

10.4. Conditions to be avoided

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

10.5. Incompatible Materials

Information not available

10.6. Hazardous decomposition products

Information not available

SECTION 11. Toxicological information

There are no known episodes of damage to health due to exposure to the product. In any case, it is recommended to operate in compliance with the rules of good industrial hygiene.

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

Metabolism, 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:
ATE (Oral) of the mixture:
ATE (Cutaneous) of the mixture:

Unclassified (no relevant components)
Unclassified (no relevant components)
Unclassified (no relevant components)

SKIN CORROSION / SKIN IRRITATION

Does not meet the classification criteria for this hazard class

SEVERE EYE DAMAGE/EYE IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITIZATION

Does not meet the classification criteria for this hazard class

Respiratory sensitization

Information not available

Skin sensitization

Information not available

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

Harmful effects on sexual function and fertility

Information not available

Harmful effects on the development of offspring

Information not available

Effects on or through lactation

Information not available

SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

Target organs

Information not available

Route of exposure

Information not available

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

Information not available

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulation potential

Information not available

12.4. Mobility in soil

Information not available

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. The residues of the product as they are are to be considered special non-hazardous waste. Disposal must be entrusted to a company authorized to manage waste, in compliance with national and possibly local legislation.

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

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) 1907/2006

Substances contained

Point	75
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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

Information not available

Classification for water pollution in Germany (AwSV, vom 18. April 2017)

WGK 1: Not very dangerous for water

15.2. Chemical Safety Assessment

A chemical safety assessment has not been developed for the mixture/substances listed in section 3.

SECTION 16. Other information

LEGEND:

- ADR: European Agreement for the Carriage of Dangerous Goods by Road
- 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 according to REACH
- PEC: Predictable environmental concentration
- PEL: Predictable level of exposure
- PNEC: Predictable no-effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulations for the International Carriage of Dangerous Goods by Train
- STA: Acute Toxicity Estimation
- 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 according to REACH
- 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)
- 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.

Changes from previous revision

Changes have been made to the following sections:

01 / 02 / 09 / 11 / 12 / 15 / 16.