

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

1.1. Product identifier

Product code : IGIENIZZANTE AMBIENTALE
Trades code : 8699

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

Sanitizer
Sectors of use:
Public domain[SU22]

Uses advised against
Do not use for purposes other than those listed

1.3. Details of the supplier of the safety data sheet

Distribuito da:

PERPULIRE S.r.l.
Via Goretta 96/A 10072
Mappano di Caselle (TO)
Tel: (0039) 011-2207783
E-mail: info@perpulire.it

1.4. Emergency telephone number

CAV Osp. Pediatrico Bambino Gesù, Roma,
Piazza Sant'Onofrio, 4, 00165 Tel. 06-68593726
Az. Osp. Univ. Foggia, Foggia,
V.le Luigi Pinto, 1, 71122 Tel. 0881-732326
Az. Osp. "A. Cardarelli", Napoli,
Via A. Cardarelli, 9, 80131 Tel. 081-7472870
CAV Policlinico "Umberto I", Roma,
V.le del Policlinico, 155, 161 Tel. 06-49978000
CAV Policlinico "A. Gemelli", Roma,
Largo Agostino Gemelli, 8, 168 Tel. 06-3054343
Az. Osp. "Careggi" U.O. Tossicologia Medica, Firenze,
Largo Brambilla, 3, 50134 Tel. 055-7947819
CAV Centro Nazionale di Informazione Tossicologica, Pavia,
Via Salvatore Maugeri, 10, 27100 Tel. 0382-24444
Osp. Niguarda Ca' Granda, Milano,
Piazza Ospedale Maggiore, 3, 20162 Tel. 02-66101029
Azienda Ospedaliera Papa Giovanni XXII, Bergamo,
Piazza OMS, 1, 24127 Tel. 800883300

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:
None

Hazard Class and Category Code(s):
Nonhazardous

Hazard statement Code(s):
Nonhazardous

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):
None

Hazard statement Code(s):
Nonhazardous

Supplemental Hazard statement Code(s):
EUH210 - Safety data sheet available on request.

Precautionary statements:
Nothing in particular.

Contains (Reg. EC 648/2004):
< 5% oxygen-based bleaching agents

2.3. Other hazards

The substance / mixture NOT contains substances PBT/vPvB according to Regulation (EC) No 1907/2006, Annex XIII

No information on other hazards
For professional use only

SECTION 3. Composition/information on ingredients

3.1 Substances

Irrilevant

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements

Note B - Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

Substance	Concentration[w/w]	Classification	Index	CAS	EINECS	REACH
hydrogen peroxide Note: B	>= 1 < 5%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; STOT SE 3, H335	008-003-00-9	7722-84-1	231-765-0	01-2119485 845-22

SECTION 4. First aid measures

4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

Direct contact with skin (of the pure product):

Wash thoroughly with soap and running water.

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water for at least 10 minutes.

Ingestion:

Not hazardous. It's possible to give activated charcoal in water or liquid paraffin medicine

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

No data available.

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

No data available.

SECTION 5. Firefighting measures

5.1. Extinguishing media

Advised extinguishing agents:

Water spray, CO₂, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for firefighters

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke

Wear gloves and protective clothing

6.1.2 For emergency responders:

Wear gloves and protective clothing

Eliminate all unguarded flames and possible sources of ignition. No smoking.

Provision of sufficient ventilation.

Evacuate the danger area and, in case, consult an expert.

6.2. Environmental precautions

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.

Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

Nothing in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage

7.1. Precautions for safe handling

Avoid contact and inhalation of vapors

At work do not eat or drink.

See also paragraph 8 below.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

7.3. Specific end use(s)

Public domain:

Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

- Substance: hydrogen peroxide

DNEL

Local effects Long term Workers inhalation = 1,4

Local effects Long term Consumers inhalation = 0,21 (mg/m³)

Local effects Short term Workers inhalation = 3 (mg/m³)

Local effects Short term Consumers inhalation = 1,93 (mg/m³)

PNEC

Sweet water = 0,0126 (mg/l)

sediment Sweet water = 0,47 (mg/kg/sediment)

Sea water = 0,0126 (mg/l)

sediment Sea water = 0,47 (mg/kg/sediment)

intermittent emissions = 0,0138 (mg/l)

STP = 4,66 (mg/l)

ground = 0,0023 (mg/kg ground)

8.2. Exposure controls

Appropriate engineering controls:

Public domain:

No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection
 Not needed for normal use.

(b) Skin protection

(i) Hand protection
 Not needed for normal use.

(ii) Other
 Wear normal work clothing.

(c) Respiratory protection
 Not needed for normal use.

(d) Thermal hazards
 No hazard to report

Environmental exposure controls:

Use according to good working practices to avoid pollution into the environment.

SECTION 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Determination method
Appearance	transparent liquid	
Odour	carachteristic	
Odour threshold	not determined	
pH	4,5 - 5,5	
Melting point/freezing point	not determined	
Initial boiling point and boiling range	not determined	
Flash point	not determined	ASTM D92
Evaporation rate	irrelevant	
Flammability (solid, gas)	not determined	
Upper/lower flammability or explosive limits	not determined	
Vapour pressure	not determined	
Vapour density	not determined	
Relative density	1,04 - 1,08 g/cm ³	
Solubility	in water	
Water solubility	complete	
Partition coefficient: n-octanol/water	not determined	

Physical and chemical properties	Value	Determination method
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
Viscosity	not determined	
Explosive properties	not determined	
Oxidising properties	not determined	

9.2. Other information

No data available.

SECTION 10. Stability and reactivity**10.1. Reactivity**

Related to contained substances:
hydrogen peroxide:
Decomposes on heating.

10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

10.3. Possibility of hazardous reactions

There are no hazardous reactions

10.4. Conditions to avoid

Related to contained substances:
hydrogen peroxide:
Avoid overheating.

10.5. Incompatible materials

It can generate inflammable gases to contact nitrides.
It can generate gases toxic to contact with aliphatic and aromatic amines, carbamate ditiocarbamate, thiol and others organic sulfide, nitrile, inorganic sulfide, inflammable and combustible material.
It can ignite in contact with alcohol and glycol, azotic compound, diazotic compound and idrazine, carbamate, ditio carbamate, thiol and others organic sulfide, nitrides, combustible and inflammable materials.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

SECTION 11. Toxicological information**11.1. Information on toxicological effects**

ATE(mix) oral = 86.740,7 mg/kg
ATE(mix) dermal = ∞
ATE(mix) inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met
- (b) skin corrosion/irritation based on available data, the classification criteria are not met
- (c) serious eye damage/irritation: based on available data, the classification criteria are not met
- (d) respiratory or skin sensitization: based on available data, the classification criteria are not met
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met
- (f) carcinogenicity: based on available data, the classification criteria are not met
- (g) reproductive toxicity: based on available data, the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met

Related to contained substances:

hydrogen peroxide:

LD50 (rat) Oral (mg/kg body weight) = 1193

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 0,17

SECTION 12. Ecological information

12.1. Toxicity

Use according to good working practices to avoid pollution into the environment.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No PBT/vPvB ingredient is present

12.6. Other adverse effects

No adverse effects

SECTION 13. Disposal considerations

13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Operate according to local or national regulations

SECTION 14. Transport information

14.1. UN number

Not included in the scope of application regulations concerning the transport of dangerous goods: by road (ADR); by rail (RID); by air (ICAO / IATA); by sea (IMDG).

14.2. UN proper shipping name

None

14.3. Transport hazard class(es)

None

14.4. Packing group

None

14.5. Environmental hazards

None

14.6. Special precautions for user

No data available.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

It is not intended to carry bulk

SECTION 15. Regulatory information

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

No data available.

15.2. Chemical safety assessment

No chemical safety assessment was carried out by the supplier

SECTION 16. Other information

16.1. Other information

Description of the hazard statements exposed to point 3

H302 = Harmful if swallowed.

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H335 = May cause respiratory irritation.

Classification based on data of all mixture components
