

PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

1 / 10

In conformity to Regulation (EU) 2015/830

SECTION1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : PRONTO BAGNO SANITIZZANTE
Trades code : 012A290556

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

Detergent descaling for bathroom and kitchen surfaces
Professional use[SU22]

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

1.3. Details of the supplier of the safety data sheet

Allegrini S.p.A.
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Produced by
Allegrini S.p.A.

1.4. Emergency telephone number

Italia (Italy - IT):
Centro Antiveleni Ospedale Niguarda 02 66101029

SECTION2. Hazards identification

2.1. Classification of the substance or mixture

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

Pictograms:
GHS05

Hazard Class and Category Code(s):
Eye Dam. 1

Hazard statement Code(s):
H318 - Causes serious eye damage.

If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.

2.2. Label elements

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

Pictogram, Signal Word Code(s):
GHS05 - Danger

Hazard statement Code(s):
H318 - Causes serious eye damage.

Precautionary statements:
Prevention



PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

2 / 10

In conformity to Regulation (EU) 2015/830

P280 - Wear eye protection.

Response

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

P310 - Immediately call a POISON CENTER/doctor.

Contains:

Lactic Acid

Contains (Reg.EC 648/2004):

< 5% Anionic surfactants, Non-ionic surfactants, Fragrance.

2.3. Other hazards

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

The utilization of this chemical agent cause the obligation of "Risks Evaluation" from employer according to dispositions of Dlgs. April 9th 2008 no. 81. Workers exposed to this chemical agent do not have to be subjected to sanitary supervision if the results of risks evaluation show that, according to typology and quantity of chemical agent and according to method and frequency of exposure to that agent, we only have "moderate risk" for health and safety of workers and that measures foreseen by the Dlgs. are sufficient to reduce the risk.

For professional use only.

SECTION3. Composition/information on ingredients

3.1 Substances

Irrilevant.

3.2 Mixtures

Refer to paragraph 16 for full text of hazard statements.

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Ethanol	> 1 <= 5%	Flam. Liq. 2, H225	603-002-00-5	64-17-5	200-578-6	01-2119457 610-43
Lactic Acid	> 1 <= 5%	Skin Irrit. 2, H315; Eye Dam. 1, H318		79-33-4	201-196-2	01-2119474 164-39
Isopropanol	> 1 <= 5%	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	603-117-00-0	67-63-0	200-661-7	01-2119457 558-25
Sulfonic acids, C13-17-sec-alkane, sodium salts	> 0,1 <= 1%	Skin Irrit. 2, H315; Eye Dam. 1, H318		85711-69-9	288-330-3	

SECTION4. 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.

PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

3 / 10

In conformity to Regulation (EU) 2015/830

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Rinse mouth with water. 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

Immediately call a POISON CENTER/doctor.

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

6.1.2 For emergency responders:

Wear mask, 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

PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

4 / 10

In conformity to Regulation (EU) 2015/830

6.3. Methods and material for containment and cleaning up

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing
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:

None 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)

Professional use:
Handle with care.
Store in a ventilated area and away from heat.
Keep container tightly closed.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Related to contained substances:

Ethanol

TLV: 1000 ppm as TWA A4 (not classifiable as a human carcinogen) (ACGIH 2004).
MAK: 500 ppm 960 mg / m Peak limitation category: II (2), Class: 5 of carcinogenicity; Pregnancy risk group: C, germ cell mutagen group: 5; (DFG 2004).

Isopropanol

TLV: 200 ppm as TWA 400 ppm as STEL A4 (not classifiable as a human carcinogen); (ACGIH 2004).
MAK: 200 ppm 500 mg/m³ Peak limitation category: I(2); Pregnancy Risk Group: C; (DFG 2004).

8.2. Exposure controls

Appropriate engineering controls:
Professional use:
None



PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

5 / 10

In conformity to Regulation (EU) 2015/830

Individual protection measures:

(a) Eye / face protection

When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hands 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	pink translucent liquid	
Odour	scented	
Odour threshold	unavailable	
pH	2 - 2.5	
Melting point/freezing point	< 0°C	
Initial boiling point and boiling range	around 100	
Flash point	non flammable	ASTM D92
Evaporation rate	unavailable	
Flammability (solid, gas)	non flammable	
Upper/lower flammability or explosive limits	unavailable	
Vapour pressure	unavailable	
Vapour density	unavailable	
Relative density	unavailable	
Solubility	in water	
Water solubility	complete	
Partition coefficient: n-octanol/water	unavailable	
Auto-ignition temperature	unavailable	
Decomposition temperature	unavailable	
Viscosity	unavailable	
Explosive properties	not explosive	
Oxidising properties	non-oxidizing	

9.2. Other information

No data available.

SECTION 10. Stability and reactivity

10.1. Reactivity

No reactivity hazards.

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

Nothing to report.

10.5. Incompatible materials

Marble.

10.6. Hazardous decomposition products

It does not decompose when used for intended uses.

SECTION 11. Toxicological information

11.1. Information on toxicological effects

ATE(mix) oral = 84.033,6 mg/kg

ATE(mix) dermal = N.D.

ATE(mix) inhal = N.D.

- (a) acute toxicity: unavailable.
- (b) skin corrosion/irritation: unavailable.
- (c) serious eye damage/irritation: If brought into contact with eyes, the product causes serious damages to eyes, such as an opaque cornea or injury to iris.
- (d) respiratory or skin sensitization: unavailable.
- (e) germ cell mutagenicity: unavailable.
- (f) carcinogenicity: unavailable.
- (g) reproductive toxicity: unavailable.
- (h) specific target organ toxicity (STOT) single exposure: unavailable.
- (i) specific target organ toxicity (STOT) repeated exposure: unavailable.
- (j) aspiration hazard: unavailable.

Related to contained substances:

Ethanol

ROUTES OF EXPOSURE : The substance can be absorbed into the body by inhalation of its vapor and by ingestion.
INHALATION RISK : A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20C.

EFFECTS OF SHORT-TERM EXPOSURE : The substance is irritating to the eyes. Inhalation of high concentration of vapor may cause irritation of the eyes and respiratory tract. The substance may cause effects on the central nervous

PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

7 / 10

In conformity to Regulation (EU) 2015/830

system

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE : The liquid defats the skin. The substance may have effects on the high central nervous system, causing irritation, headaches, fatigue and poor concentration.

ACUTE HAZARDS / SYMPTOMS Cough. Headache. Tiredness. Drowsiness. Dry skin. Redness. Pain. Burning. Ingestion Burning sensation. Confusion. Vertigo. Unconsciousness.

NOTES The consumption of ethanol during pregnancy can have adverse effects on the unborn child. Chronic ingestion of ethanol may cause liver cirrhosis.

LC50 Inhalation (rat) : 20000 ppm , 10 h

LD50 (rat) Oral (mg/kg body weight) = 14000

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 20000

Lactic Acid

Acute effects:

harmful if swallowed, inhaled or absorbed through the skin. Symptoms of exposure may include burning sensation, cough, wheezing, laryngitis, shortness of breath, headache, nausea and vomit.

LD50 oral: 3730 mg/kg (rat).

LD50 skin: >2000 mg/kg (rabbit)

LD50 inhalation (4h): 7,94 mg/l (rat)

Isopropanol

ROUTES OF EXPOSURE : The substance can be absorbed into the body by inhalation of its vapour.

INHALATION RISK : A harmful contamination of the air will be reached rather slowly on evaporation of this substance at 20°C; on spraying or dispersing, however, much faster.

EFFECTS OF SHORT-TERM EXPOSURE : The substance is irritating to the eyes and the respiratory tract The substance may cause effects on the central nervous system, resulting in depression. Exposure far above the OEL may result in unconsciousness.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE : The liquid defats the skin.

RISKS / SYMPTOMS

INHALATION Cough. Vertigo. Drowsiness. Headache. Sore throat. See ingestion.

SKIN Dry skin.

EYES Reddening.

INGESTION Abdominal pain. Breathing difficulty. Nausea. Unconsciousness. Vomit. (Also see inhalation).

NOTES The use of alcoholic drinks enhances the damaging effect.

LD50 (rat) Oral (mg/kg body weight) = 4700

CL50 Inhalation (rat) vapour/dust/mist/fume (mg/l/4h) or gas (ppmV/4h) = 46

Sulfonic acids, C13-17-sec-alkane, sodium salts

Irritant (primary skin irritation: Method: OECD 404)

Risk of serious damage to eyes Primary irritation of mucous membranes: (Source CESIO)

LD50 (rat) Oral (mg/kg body weight) = 500

SECTION12. Ecological information

12.1. Toxicity

Related to contained substances:

Ethanol:

Toxicity of the fish, LC50 : > 10.000 mg/l

Toxicity in Daphnia, CEE0 : > 7800 mg/l

Bacterial toxicity (Ps. Putida), CEE0 : > 6500 mg/l

Toxicity of the algae (SC. Quadricauda), CEE0 : > 5000 mg/l

Toxicity of the algae (M. Acruginosa), CEE0 : > 1450 mg/l

Lactic Acid:

Toxicity aquatic:

EC50 (algae) : 3500 mg/l

EC50 (daphnia magna): 240 mg/l, 48h

LC50 (fish) : 320 mg/l, 48h

PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

8 / 10

In conformity to Regulation (EU) 2015/830

Isopropanol:

LC50 (96h), Fish : 9640-10400 mg/l, Pimephales Promelas
EC50 (48h), Daphnia : 2285-13299 mg/l, Daphnia Magna

Sulfonic acids, C13-17-sec-alkane, sodium salts:

Fish CL50 1 - 10 mg/l 96 h, OECD 203
Daphnia CE50 9,81 mg/l 48 h, OECD 202
Bacteria CE50 > 1.000 mg/l DIN 38412 T.8

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

12.2. Persistence and degradability

Related to contained substances:

Lactic Acid:

Persistence and degradability: Readily biodegradable (test OECD)
BOD5 = 0,45 mg O2/mg
BOD20 = 0,60 mg O2/mg
COD = 0,90 mg O2/mg

Sulfonic acids, C13-17-sec-alkane, sodium salts:

Biodegradability > 90 % OECD 301E / CEE 84/449 C3
78 % (28 d) OECD 301 B
DOC : 400 mg/g
COD : 2.065 mg/g

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

Related to contained substances:

Lactic Acid

Mobility: completely soluble

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

No adverse effects

Regulation (EC) No 2006/907 - 2004/648

Surfactants contained in this formula are in compliance with biodegradability parameters established by regulation EC 648/2004 related to detergents.

All supporting information are on hand of authorities of member countries and will be supplied to above mentioned authorities according to their explicit request or following producer's request.

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

PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

9 / 10

In conformity to Regulation (EU) 2015/830

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

D.Lgs. 3/2/1997 n. 52 (Classification, packaging and labelling of dangerous substances). D.Lgs 14/3/2003 n. 65 (Classification, packaging and labelling of dangerous preparations). D.Lgs. 2/2/2002 n. 25 (Risks derived from chemical agents during work). D.M. Labour 26/02/2004 (Limits for professional exposure). D.M. 03/04/2007 (Fulfillment of EU regulation 2006/8). EU Regulation n. 1907/2006 (REACH), Regulation (CE) n. 1272/2008 (CLP). Regulation (CE) n.790/2009.D.Lgs. 21/09/2005 n. 238 (Direttiva Seveso Ter).

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

H225 = Highly flammable liquid and vapour.

H315 = Causes skin irritation.

H318 = Causes serious eye damage.

H319 = Causes serious eye irritation.

H336 = May cause drowsiness or dizziness.

Classification based on data of all mixture components

PRONTO BAGNO SANITIZZANTE

Issued on 06/13/2012 - Rel. # 2 on 05/05/2015

10 / 10

In conformity to Regulation (EU) 2015/830

Main regulatory references:

Directive 2001/60/CE

Regulation 2008/1272/CE

Regulation 2010/453/CE

***This data sheet annuls and substitutes each previous version.
