

Safety Data Sheet

Conforms to Regulation (EU) 2015/830 of the Committee of 28 May 2015 amending Regulation (EC) no. 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Ref: 901031

Date of issue:
09/07/20
Revision Date:
09/07/20

BIOSUR DESINFECTANT

Section 1 IDENTIFICATION OF THE MIXTURE AND COMPANY

1.1. Product identifier

Name: BIOSUR DESINFECTANT
Manufacturer code: 901031
Distributor reference: 101492
Nomenclature code: 1363_043.20

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

Disinfectant cleaner to be diluted
See the label for more information.

1.3. Information concerning the supplier of the safety data sheet

Corporate name: IPC

Address: 10 Quai CDT Malbert / CS 71821
29218 BREST CEDEX 2 FRANCE

Telephone: 02 98 43 45 44

Fax: 02 98 44 22 53

Email: ipc.serviceclients@groupe-ipc.com

Website: www.ipc-sa.com

1.4. Emergency telephone number

Poison Control Centre FR: + 33 (0)1 45 42 59 59, BE: + 32 (0)70 245 245
Company/body: INRS

Section 2 IDENTIFICATION OF HAZARDS

2.1. Classification of the substance or mixture

2.1.1. In accordance with regulation (EC) no. 1272/2008 and its adaptations

Chronic toxicity (aquatic) / Category 3 (H412)

2.2. Label elements

2.2.1. In accordance with regulation (EC) no. 1272/2008 and its adaptations

None

2.2.2. Warning message

None

2.2.3. Product identifier

Contains no ingredient contributing to a hazard

2.2.4. Hazard statements and additional information about hazards

H412: Harmful to aquatic organisms, may cause long-term adverse effects.

EUH 208 : Contains Poly(hexamethylenbiguanid)-hydrochlorid. May produce an allergic reaction.

2.2.5. Safety precautions

Prevention

P273 : Avoid discharge into the environment.

Elimination

P501 : Dispose of contents / container in an appropriate container

2.3. Other hazards

The mixture does not contain 'Substances of very high concern' (SVHC) >= 0.1% published by the European Chemicals Agency (ECHA) by: [l'article 57 du REACH](#).

No other hazard identified in the present state of our knowledge.

Section 3 COMPOSITION/INFORMATION ABOUT THE COMPONENTS

3.1. Substances:

3.2. Mixtures:

Identification	(CE) 1272/2008	Nota	%
Inci: Alcohols, C16-18, ethoxylated Iupac: Alcohols, C16-18, ethoxylated CAS: 68439-49-6 CE: N/D ID: N/D N° REACH: N/D	Eye Irrit. 2, H319		>= 1% & < 5%
Inci: didecyldimethylammonium chloride Iupac: didecyldimethylammonium chloride CAS: 7173-51-5 CE: 230-525-2 ID: N/D N° REACH: 01-2119945987-15	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 (Factor M = 10) Aquatic Chronic 2, H411		>= 0.5% & < 1%
Inci: Poly(hexamethylenbiguanid)-hydrochlorid Iupac: Polyhexamethylene biguanide hydrochloride CAS: 1802181-67-4 ou 91403-50-8 CE: 618-745-0 ID: N/D N° REACH: N/D	Acute Tox. 1, H330 Acute Tox. 4, H302 Eye Dam. 1, H318 Stot SE 3, H335 Aquatic Acute 1, H400 (Factor M = 10) Aquatic Chronic 1, H410 (Factor M = 10) Skin Sens. 1B		< 0.5%
[1]: Substance for which exist exposure value limits in the workplace			

The other components of this mixture are not classified according to the CLP criteria and/or Directive 67/548/EC or are present in concentrations below the threshold values.

3.3. Substances that are subject of exposure limit values at the workplace:

Refer to paragraph 8

Section 4 FIRST AID

Generally, in case of doubt or if the symptoms persist, always call a doctor.

If the person is unconscious, place in the security recovery position.

NEVER give anything by mouth to an unconscious person.

Turn on side a person lie on his back, who is vomiting.

4.1. Description of first aid:

4.1.1. In case of inhalation:

None

4.1.2. In case of splashing or contact with eyes:

Rinse the eye thoroughly with lukewarm water (20 to 25 ° C), soft and clean (or with physiological saline), for at least 15 minutes, keeping the eyelids open. Avoid splashing towards the unaffected eye (e.g. using a compress). Water always flows from the nose to the ear. Move the eye in all directions when rinsing.

Take out contact lenses if the victim wears lenses and if it is possible to take them out of the eyes easily. Continue to rinse.

If eye irritation persists, or in case of new symptoms (pain, visual discomfort), consult an ophthalmologist.

4.1.3. In case of contact with skin:

In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes and wash before reuse. Seek medical attention if unusual symptoms occur.

In case of contact, rinse the skin immediately with plenty of water. Remove the contaminated clothing and shoes and wash them before using them again. Consult a doctor in case of any unusual symptoms.

If skin irritation persists, or in case of allergic manifestation, consult a specialist doctor.

4.1.4. In case of ingestion:

Rinse mouth.

Do not induce vomiting, rinse mouth.

Consult a doctor immediately.

Bring to the free air in case of massive inhalation. Keep him in a warm place and at rest. Consult a doctor.

4.2. Main symptoms and effects, both acute and delayed:

The main known symptoms and effects are described on the labeling (see section 2.2) and / or in section 11.

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

Seek advice from a poison control centre or a toxicologist.

Consult your doctor and show this safety data sheet.

Section 5 FIRE-FIGHTING MEASURES

5.1. Extinguishing agents

All extinguishing agents are authorized: foam, sand, carbon dioxide, water, powder.

5.2. Special hazards arising from the substance or mixture:

Possibly, and because of the presence of organic matter, a fire could produce a thick black smoke. The exposure to the products of decomposition could involve health risks.

Do not breathe fumes.

5.3. Advice for fire-fighters:

Full protective clothing.

Wear self-contained respiratory protective device (insulating stand-alone respiratory protective device).
Cool the containers exposed to fire by spraying water.
CO₂, extinguishing powder, water spray, alcohol-resistant foam, sand or soil can be used only in case of contained fire.

Section 6 MEASURES IN CASE OF ACCIDENTAL SPILLAGE

6.1.1. For non-rescuers:

Avoid breathing vapors. Ventilate the premises.
Avoid contact with skin and eyes.
Eliminate ignition sources, sparks and electrostatic charges.

6.1.2. For rescuers:

Responders will be equipped with personal protective equipment (see section 8).

6.2. Precautions for environmental protection:

Contain and collect leaks with non-combustible absorbent materials, for example : sand, soil, vermiculite, diatomaceous earth in drums for disposal of waste.
Prevent entry into drains and waterways.

6.3. Methods and material for containment and cleaning up:

Collect the liquid using an absorbent product (sand, kieselguhr, neutralizing acid, universal binder, sawdust, soil, etc.) in drums for disposal of waste.
Ensuring adequate ventilation.

6.4. Reference to other sections:

Refer to section 8 for PPE.
Refer to section 4 for first aid measures.
Refer to section 5 for fire fighting measures.
Refer to section 13 for management of contaminated absorbents.

Section 7 HANDLING AND STORAGE

7.1. Precautions for safe handling:

Handle in well-ventilated areas.
Never open the packaging by applying pressure.
Wear the personal protective equipment indicated in section 8.
Avoid breathing dust or spray mist.
Avoid contact with eyes, skin and clothing.

7.1.1. Fire prevention:

Observe storage compatibility (see paragraph 7.2).

7.1.2. Environmental Protection :

Use filters for exhaust ventilation.
Avoid contamination of sewers.
Do not discharge into waste water or watercourses.

7.1.3. Work hygiene instructions:

Wash hands after each use, and before eating, drinking or smoking.
It is prohibited to smoke, eat or drink on the premises where the preparation is used.
Do not wear soiled work clothes in places such as offices, seminar rooms, relaxation areas, company restaurants or cafeteria.
Change work clothes frequently and wash them before reuse, especially if they have been contaminated with dangerous chemicals.
Store work clothes separate from street clothes.

7.2. Pre-requisites to ensure the safety of the storage, taking into account any possible incompatibilities:

Store hermetically closed in a dry, well-ventilated and cool place.
Store in the original container.
Keep away from food and drink, including those for animals.
Keep out of reach of children.
Respect the expiration date indicated on the packaging.
Store away from all sources of heat and incompatible materials (see section 10).
Controlled and limited access (keep locked). Avoid the presence of piping in the room. Control the humidity.
The opened packaging must be carefully closed and kept in the vertical position.

7.3. Specific end use(s):

Refer to the label and the technical data sheet.
Do not mix different cleaners.
Store safe from frost.
Protect from heat and direct sunlight.

7.5. Materials recommended:

None

7.6. Inadvisable material:

None

Section 8 EXPOSURE CONTROL /INDIVIDUAL PROTECTION

8.1. Control parameters:

8.1.2. Occupational exposure limit values :

Components showing threshold values to be monitor through a workstation:

None

8.2. Exposure controls:

8.2.1. Appropriate technical controls:

Use clean and properly maintained personal protective equipment. Check condition before use.

Store personal protective equipment in a clean place, away from the work area.

Ensure adequate ventilation, if possible, by aspiration to workstations and extraction generally suitable.

Maintaining local and workstations in a perfect state of cleanliness, clean them frequently.

8.2.2. Personal protection measures:

Personal protective equipment (PPE) must be worn in addition to the collective protection equipment put in place (section 7).

For fire-specific personal protective equipment, see section 5.

8.2.3. Protection of eyes and face:

Avoid contact with eyes.

Wearing glasses does not constitute protection.

8.2.4. Protection of hands:

Avoid contact with the skin.

Type gloves recommended: butyl rubber, synthetic rubber, neoprene, nitrile, PVC.

8.2.5. Protection of skin:

Avoid contact with the skin.

Wear protective clothing (blouse / apron type) compliant with standard NF EN13034.

8.2.6. Respiratory Protection:

Do not inhale gases, fumes and aerosols.

Section 9 CHEMICAL AND PHYSICAL PROPRIETES

CHEMICAL AND PHYSICAL PROPRIETES

Information on basic physical and chemical properties:

Physical state: LIQUID

Aspect: Limpid

Colour: Colourless

Odour : Odourless

Density: 1

PH of the preparation: 9.7 +/- 0.5

Viscosity: <20 cP (19-21°C)

Boiling point/interval: N/D

Melting point/interval: N/D

Auto-ignition temperature: N/D

Decomposition point/interval: N/D

Flash point interval: N/D

Vapour pressure: N/D

diluted pH of the preparation: N/D

Other information:

Water solubility (g/L): N/D

Maximum VOC content: 1.87 %

Bulk density: N/D

Section 10 STABILITY AND REACTIVITY

10.1. Reactivity:

None

10.2. Chemical stability:

Thermally stable at typical temperatures of use and storage (see section 7).

At extreme temperatures (<5 ° C or> 35 ° C) or under significant UV exposure, the properties of the product may be impaired.

10.3. Possibility of hazardous reactions:

None

10.4. Conditions to be avoided:

Do not mix with other products.

10.5. Incompatible materials:

None

10.6. Hazardous decomposition products:

Hazardous decomposition products are not expected to form under normal storage conditions.

Thermal decomposition products / combustion products: see section 5.

Section 11 TOXICOLOGICAL INFORMATIONS

11.1. Information on toxicological effects:

11.1.1. Substances:

Not concerned

11.1.2. Mixtures:

The product has not been tested. The toxicological data is deduced from the properties of different constituents.

11.1.2.1. Acute toxicity

Based on available data, the criteria for classification of acute toxicity are not met

Toxicity of raw materials:

None

11.1.2.2. Skin corrosion / skin irritation

Not classified vis-à-vis the irritation under the CLP Regulation 1278/2008.

11.1.2.3. Serious eye damage / eye irritation

Not classified vis-à-vis the corrosivity under the CLP Regulation 1278/2008.

11.1.2.4. Respiratory or skin sensitization

Not classified vis-à-vis the creation of awareness under the CLP Regulation 1278/2008.

11.1.2.5. Carcinogenicity

Not classified vis-à-vis the carcinogenicity under the CLP Regulation 1278/2008.

11.1.2.6. Germ cell mutagenicity

Not classified vis-à-vis the mutagenicity under the CLP Regulation 1278/2008.

11.1.2.7. Reproductive toxicity

Not classified vis-à-vis the reproductive toxicity under the CLP Regulation 1278/2008.

11.1.2.8. Specific toxicity for target organ only - single exposure

Not classified with regard to specific toxicity for certain target organs - single exposure within the meaning of CLP regulation 1272/2008.

11.1.2.9. Specific toxicity for target organ only - repeated exposure

Not classified with regard to specific toxicity for certain target organs - repeated exposure within the meaning of CLP regulation 1272/2008.

11.1.2.10. Aspiration hazard

None

11.1.2.11. Interactive effects

No significant interactive effects or critical hazards known for this mixture.

11.1.3. Other toxicity information

None

Section 12 ECOLOGICAL INFORMATION

Avoid release to the environment.

12.1. Toxicity:

Toxic to aquatic organisms.

12.1.1. Mixtures:

Ecotoxicity of raw materials contained in the formulation:

INCI name	IUPAC name	CL(E) 50	Specie	Time (h)
Alcohols, C16-18, ethoxylated	Alcohols, C16-18, ethoxylated	1-10	Fish	96
Alcohols, C16-18, ethoxylated	Alcohols, C16-18, ethoxylated	1-10	Daphnia	48
Alcohols, C16-18, ethoxylated	Alcohols, C16-18, ethoxylated	10-100	Green algae	72
Alcohols, C16-18, ethoxylated	Alcohols, C16-18, ethoxylated	5001	Bacteria	N/D
didecyldimethylammonium chloride	didecyldimethylammonium chloride	0.06	Green algae	72
didecyldimethylammonium chloride	didecyldimethylammonium chloride	0.03	Daphnia	48
didecyldimethylammonium chloride	didecyldimethylammonium chloride	0.49	Fish	96
Poly(hexamethylenbiguanid)-hydrochlorid	Polyhexamethylene biguanide hydrochloride	0.0206	Green algae	72
Poly(hexamethylenbiguanid)-hydrochlorid	Polyhexamethylene biguanide hydrochloride	0.156	Daphnia	48
Poly(hexamethylenbiguanid)-hydrochlorid	Polyhexamethylene biguanide hydrochloride	0.321	Rainbow trout	96

12.2. Persistence and degradability:

The surface agent(s) contained in this product comply with the biodegradability criteria as defined in regulation (EC) no. 648/2004 on detergents. The data proving this statement are kept at the disposal of the competent authorities of the member states and will be provided to them upon their express request.

12.3. Bioaccumulative potential:

No additional data available.

12.4. Mobility in soil:

No additional data available.

12.5. Results of PBT and vPvB evaluations

No additional data available.

Toxic to aquatic organisms.

12.6. Other adverse effects:

No additional data available.

Section 13 CONSIDERATIONS RELATING TO DISPOSAL:

The regulations on waste are codified in THE ENVIRONMENTAL CODE, according to Order No. 2000-914 of 18 September 2000 on the Legislative Part of the Environmental Code.

Dispose in accordance with the local regulations in force, mainly the provisions of Directive 2008/98 /EC.

Respect your discharge convention and the ICPE (facilities classified for environmental protection) regulations.

Do not discharge the product in drains or waterways.

Do not reuse the packaging.

13.1. Waste treatment methods:

13.1.1. Waste:

Recycle or dispose in accordance with the laws in force, preferably by a collector or an approved company.

13.1.2. Soiled Packaging:

Empty the container completely. Keep the label(s) on the container.

Put back to an approved disposer.

13.1.3. Waste codes:

Refer to the regulations in force:

Decision 2001/573 / EC

Directive 2006/12 / EEC

Directive 94/31/EEC

Section 14 TRANSPORT INFORMATION

In accordance with the ADR requirements:

14.1. UN Number:

None

14.2. UN shipping name:

None

14.3. Hazard class(es) for transport:

None

14.4. Packaging group:

None

14.5. Hazards for the environment:

None

14.6. Limited quantity

None

14.7. Transportation in bulk according to Annex II of MARPOL 73/78 Convention and IBC Code:

Not applicable

14.8. List of materials subject to ADR regulation

None

Section 15 REGULATORY INFORMATION

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

15.1.1. Information relating to the classification and labelling as given in Section 2

The following regulations have been taken into consideration:

- Regulation (EC) No. 1272/2008 amended by Regulation (EU) No. 2018/1480 (ATP 13)

- Regulation (EC) No. 1272/2008 amended by Regulation (EU) No. 2019/521 (ATP 12)

15.1.2. Detergent composition (EC Regulation 648/2004 and 907/2006):

Biocidal active substances: didecyldimethylammonium chloride (CAS 7173-51-5) 0.76% (m/m), Polyhexamethylene biguanide hydrochloride (CAS 1802181-67-4 ou 91403-50-8) 0.24% (m/m).

]less than 5% : cationic surfactants, Non ionic surface agents

15.1.3. Nomenclature of classified installations:

15.1.4. Occupational diseases according to the Labour Code (Source: INRS):

General regime Table 65: eczema lesions of allergic mechanism

15.2. Assessment of chemical safety

The information from the assessment of chemical safety of the substances present in the product is included in the appropriate sections of this Safety Data Sheet, wherever necessary.

15.3. Biocide statement

This product complies with biocidal regulation n ° 528/2012 (EU)

TP2 - Disinfectant used in the private field and in the field of public health.

TP4 - Disinfectant for surfaces in contact with food and feed.

Section 16 OTHER INFORMATION

16.1. Full text of H and P phrases appearing in paragraph 3:

(CE) 1272/2008

SGH07 Exclamation mark, SGH05 Corrosive, SGH09 Dangerous for our environment, SGH06 Toxic, H319 Causes serious eye irritation., H302 Harmful if swallowed., H314 Causes skin burns and serious eye injuries., H318 Causes severe eye injury., H400 Very toxic to aquatic organisms., H411 Toxic to aquatic organisms, may cause long-term adverse effects., H330 Fatal if inhaled., H335 May irritate the respiratory tract., H410 Very toxic to aquatic organisms, may cause long-term serious adverse effects., H317 May cause allergic skin reaction..

16.2. Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organization.

RID: Regulations concerning the International carriage of Dangerous goods by rail.

LC50: Lethal concentration that causes 50% mortality in the population of organisms studied, for a given time, by single dose.

LD 50: Lethal dose causing 50% mortality in the population of organisms studied, for a given time, by single dose.

ETA = Estimated Acute Toxicity

AISE = International Association of Soap, Detergent and Maintenance Products

CLP = Regulation 1272/2008/EC on the classification, labelling and packaging of substances and mixtures

ELV : Exposure limit value

TWA: time weighted average at the workplace

16.3. Modifications

No notable changes

This sheet complements the technical instructions for use but it does not replace them. The information that it contains is based on the actual state of our knowledge pertaining to the product concerned, on the date of update. It is provided in good faith. The attention of the users is also drawn to the risks possibly incurred when a product is used for purposes other than those for which it is intended. It does not, in any way, exempt the user from knowing and applying the texts regulating its activity. The user should take the precautions related to the use that he/she makes of the product, known to it, under his/her sole responsibility. All the mentioned regulatory requirements merely intended to help the recipient to fulfil the obligations incumbent upon him/her when using a hazardous product. This list should not be considered exhaustive. It does not exempt the user from ensuring that no other obligations are incumbent upon him/her owing to the texts other than those cited and govern the possession and use of the product, for which he/she is solely responsible. The information provided in this sheet is required under the order of 21/02/90 and must be regarded as a description of the safety requirements relating to our product and not as a guarantee of the properties of the same.

End of the document