SAFETY DATA SHEET

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name : BEPRO RINSE

Product code : 19500203 / 19500205 / 19500206

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

Rinse additive and drying activator for automated processing of surgical and dental instruments.

1.3. Details of the supplier of the safety data sheet

Registered company name : FRANKLAB.

Address : 40 Rue du chemin vert.78610.LE PERRAY EN YVELINES.FRANCE.

Telephone : +33 1 39 44 93 40. Fax : +33 1 39 44 93 41.

contact@sterifrance.com

www.sterifrance.com

Downstream user / importer / distributor : W&H Sterilization Srl. Via Bolgara 2. 24060 Brusaporto (BG) - Italy

Phone : +39 035 66 63 000 E-mail : office.sterilization@wh.com Internet : www.wh.com

Email address of the entity responsible for the safety data sheet: contact@sterifrance.com

Local Sponsor: W&H Australasia Pty Ltd

10 Konando Tce Edwardstown SA 5039

Tel: +61 1300 613 988

Website: www.wh.com

Email: support.aus@wh.com

ABN: 33 108 399 800

1.4. Emergency telephone number : 131 126.

Association/Organisation : NSW Poisons Information Centre

Complete list of poison center available at : https://www.poisonsinfo.nsw.gov.au/

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

GHS compliant.

Eye irritation, Category 2A (Eye Irrit. 2A, H319).

Hazardous to the aquatic environment - Acute hazard, Category 3 (Aquatic Acute 3, H402).

This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

2.2. Label elements

GHS compliant.

Hazard pictograms :

GHS07

Signal Word :

WARNING

Hazard statements :

H319	Causes serious eye irritation.

Precautionary statements - Prevention :

P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/ ...

Precautionary statements - 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.
P337 + P313	If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	Classification GHS	Note	%
CAS: 64-17-5 EC: 200-578-6 REACH: 01-2119457610-43-xxxx ETHYL ALCOHOL	GHS07, GHS02 Dgr Flam. Liq. 2, H225 Eye Irrit. 2, H319	[i]	2.5 <= x % < 10
CAS: 15763-76-5 EC: 239-854-6 REACH: 01-2119489411-37-xxxx SODIUM CUMENE SULFONATE	GHS07 Wng Eye Irrit. 2, H319		2.5 <= x % < 10
CAS: 164524-02-1 EC: 629-764-9 POTASSIUM 4 CUMENESULFONATE	GHS07 Wng Eye Irrit. 2, H319 Acute Tox. 5, H333		2.5 <= x % < 10
CAS: 68439-51-0 LAURYL, MYRISTYL ALCOHOL, ETHOXYLATED, PROPOXYLATED	Aquatic Chronic 3, H412		2.5 <= x % < 10
CAS: 2372-82-9 EC: 219-145-8 N-(3-AMINOPROPYL)-N-DODECYLPROPAN E-1,3-DIAMINE	GHS06, GHS05, GHS09, GHS08 Dgr Acute Tox. 3, H301 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400 M Acute = 10		0 <= x % < 2.5

Information on ingredients :

(Full text of H-phrases: see section 16)

[i] Substance for which maximum workplace exposure limits are available.

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

4.1. Description of first aid measures

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open.

If there is any redness, pain or visual impairment, consult an ophthalmologist.

In the event of swallowing :

Seek medical attention, showing the label.

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

Non-flammable.

5.1. Extinguishing media

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO2)

5.3. Advice for firefighters

No data available.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Consult the safety measures listed under headings 7 and 8.

For non first aid worker

Avoid any contact with the skin and eyes.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

6.3. Methods and material for containment and cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

No data available.

SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Fire prevention :

Prevent access by unauthorised personnel.

Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid eye contact with this mixture.

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

7.2. Conditions for safe storage, including any incompatibilities

No data available.

Packaging

Always keep in packaging made of an identical material to the original.

7.3. Specific end use(s)

No data available.

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5 ETHYL ALCOHOL		1000 ppm 1880 mg/m3			

- Australia :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5 ETHYL ALCOHOL	200 ppm 380 mg/m3	800 ppm 1500 mg/m3			

- UK :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
64-17-5 ETHYL ALCOHOL	1000 ppm 1920 mg/m3				

Derived no effect level (DNEL) or derived minimum effect level (DMEL):

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	0.91 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	2.35 mg of substance/m3
Final use:	**Consumers.**
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	0.7 mg of substance/m3

POTASSIUM 4 CUMENESULFONATE (CAS: 164524-02-1)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	136.25 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term local effects.
DNEL :	0.096 mg of substance/cm2
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	26.9 mg of substance/m3
Final use:	**Consumers.**
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	3.8 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	68.1 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term local effects.
DNEL :	0.048 mg of substance/cm2
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	6.6 mg of substance/m3

SODIUM CUMENE SULFONATE (CAS: 15763-76-5)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	7.6 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	53.6 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.

DNEL :	13.2 mg of substance/m3
Final use:	**Consumers.**
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	3.8 mg/kg body weight/day

ETHYL ALCOHOL (CAS: 64-17-5)

Final use:	**Workers.**
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	888 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Short term local effects.
DNEL :	1900 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	500 mg of substance/m3
Final use:	**Consumers.**
Exposure method:	Ingestion.
Potential health effects:	Long term systemic effects.
DNEL :	26 mg/kg body weight/day
Exposure method:	Dermal contact.
Potential health effects:	Long term systemic effects.
DNEL :	319 mg/kg body weight/day
Exposure method:	Inhalation.
Potential health effects:	Long term systemic effects.
DNEL :	89 mg of substance/m3
Exposure method:	Inhalation.
Potential health effects:	Short term local effects.
DNEL :	950 mg of substance/m3

Predicted no effect concentration (PNEC):

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

Environmental compartment:	Soil.
PNEC :	45.34
Environmental compartment:	Fresh water.
PNEC :	0.001 mg/l
Environmental compartment:	Fresh water sediment.
PNEC :	8.5 mg/kg
Environmental compartment:	Marine sediment.
PNEC :	0.85 mg/kg
Environmental compartment:	Waste water treatment plant.
PNEC :	1.33 mg/l

POTASSIUM 4 CUMENESULFONATE (CAS: 164524-02-1)

Environmental compartment:	Soil.
PNEC :	0.037 mg/kg
Environmental compartment:	Sea water.

PNEC : 0.023 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 0.862 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 100 mg/l

SODIUM CUMENE SULFONATE (CAS: 15763-76-5)
Environmental compartment: Fresh water.
PNEC : 0.23 mg/l

Environmental compartment: Sea water.
PNEC : 0.23 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 2.3 mg/l

Environmental compartment: Fresh water sediment.
PNEC : 0.862 mg/kg

Environmental compartment: Marine sediment.
PNEC : 0.0862 mg/kg

Environmental compartment: Waste water treatment plant.
PNEC : 100 mg/l

ETHYL ALCOHOL (CAS: 64-17-5)
Environmental compartment: Soil.
PNEC : 28 mg/kg

Environmental compartment: Fresh water.
PNEC : 140.9 mg/l

Environmental compartment: Sea water.
PNEC : 140.9 mg/l

Environmental compartment: Intermittent waste water.
PNEC : 140.9 mg/l

Environmental compartment: Waste water treatment plant.
PNEC : 2251 mg/l

8.2. Exposure controls

Personal protection measures, such as personal protective equipment

Use personal protective equipment that is clean and has been properly maintained.

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

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Use eye protectors designed to protect against liquid splashes

Before handling, wear safety goggles with protective sides accordance with standard ISO 16321.

In the event of high danger, protect the face with a face shield.

Prescription glasses are not considered as protection.

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours.

Provide eyewash stations in facilities where the product is handled constantly.

- Hand protection

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN ISO 374-1.

Gloves must be selected according to the application and duration of use at the workstation.

Protective gloves need to be selected according to their suitability for the workstation in question : other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

Type of gloves recommended :

- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)

- Body protection

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

No data available.

Physical state	
Physical state :	Fluid liquid.
Colour	
Unspecified	
Odour	
Odour threshold :	Not stated.
Melting point	
Melting point/melting range :	Not relevant.
Freezing point	
Freezing point / Freezing range :	Not stated.
Boiling point or initial boiling point and boiling range	
Boiling point/boiling range :	Not relevant.
Flammability	
Flammability (solid, gas) :	Not stated.
Lower and upper explosion limit	
Explosive properties, lower explosivity limit (%) :	Not stated.
Explosive properties, upper explosivity limit (%) :	Not stated.
Flash point	
Flash point interval :	Not relevant.
Auto-ignition temperature	
Self-ignition temperature :	Not relevant.
Decomposition temperature	
Decomposition point/decomposition range :	Not relevant.
pH	
pH (aqueous solution) :	Not stated.
pH :	6.00 . Neutral.
Kinematic viscosity	
Viscosity :	Not stated.
Solubility	
Water solubility :	Soluble.
Fat solubility :	Not stated.
Partition coefficient n-octanol/water (log value)	
Partition coefficient: n-octanol/water :	Not stated.
Vapour pressure	
Vapour pressure (50°C) :	Below 110 kPa (1.10 bar).
Density and/or relative density	
Density :	> 1
Relative vapour density	
Vapour density :	Not stated.

9.2. Other information
No data available.

9.2.1. Information with regard to physical hazard classes
No data available.

9.2.2. Other safety characteristics
No data available.

SECTION 10 : STABILITY AND REACTIVITY

10.1. Reactivity
No data available.

10.2. Chemical stability
This mixture is stable under the recommended handling and storage conditions in section 7.

10.3. Possibility of hazardous reactions
No data available.

10.4. Conditions to avoid
Avoid :
- frost

10.5. Incompatible materials
No data available.

10.6. Hazardous decomposition products
The thermal decomposition may release/form :
- carbon monoxide (CO)
- carbon dioxide (CO2)

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

11.1.1. Substances

a) Acute toxicity :

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

Oral route :	LD50 = 243.6 mg/kg body weight Species : Rat OECD Guideline 401 (Acute Oral Toxicity)
Dermal route :	LD50 > 600 mg/kg body weight Species : Rat OECD Guideline 402 (Acute Dermal Toxicity)

LAURYL, MYRISTYL ALCOHOL, ETHOXYLATED, PROPOXYLATED (CAS: 68439-51-0)

	Other guideline

POTASSIUM 4 CUMENESULFONATE (CAS: 164524-02-1)

Oral route :	LD50 = 7000 mg/kg body weight Species : Rat
Dermal route :	LD50 = 2000 mg/kg body weight Species : Rabbit
Inhalation route (Dusts/mist) :	LC50 = 6410 mg/l Species : Rat Duration of exposure : 4 h

SODIUM CUMENE SULFONATE (CAS: 15763-76-5)

Oral route :	LD50 > 7000 mg/kg body weight Species : Rat
Dermal route :	LD50 > 2000 mg/kg body weight

Species : Rabbit

Inhalation route (Dusts/mist) : LC50 > 6.41 mg/l

ETHYL ALCOHOL (CAS: 64-17-5)

Oral route : LD50 = 10470 mg/kg body weight
Species : Rat
OECD Guideline 401 (Acute Oral Toxicity)

Dermal route : LD50 > 2000 mg/kg body weight
Species : Rabbit

Inhalation route (Dusts/mist) : LC50 > 51 mg/l
Species : Rat
OECD Guideline 403 (Acute Inhalation Toxicity)

b) Skin corrosion/skin irritation :

LAURYL, MYRISTYL ALCOHOL, ETHOXYLATED, PROPOXYLATED (CAS: 68439-51-0)

Irritation : No observed effect.
Average score < 1.5
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

Corrosivity : Causes severe skin burns.
Species : Rabbit
OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

c) Serious damage to eyes/eye irritation :

No data available.

d) Respiratory or skin sensitisation :

No data available.

e) Germ cell mutagenicity :

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

No mutagenic effect.

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

Ames test (in vitro) : Negative.
With metabolic activation.

LAURYL, MYRISTYL ALCOHOL, ETHOXYLATED, PROPOXYLATED (CAS: 68439-51-0)

No mutagenic effect.

OECD Guideline 471 (Bacterial Reverse Mutation Assay)

f) Carcinogenicity :

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

Carcinogenicity Test : Negative.
No carcinogenic effect.
Species : Rat
OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

Oral route : C = 9 mg/kg body weight/day

Species : Rat
Duration of exposure : 90 days
OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

Dermal route : C = 20 mg/kg body weight/day
Species : Dog
Duration of exposure : 90 days

j) Aspiration hazard :

No data available.

11.1.2. Mixture

11.1.2.1 Information on hazard classes

a) Acute toxicity :

Oral route : No data available.

Dermal route : No data available.

Inhalation route (Dusts/mist) : No data available.

b) Skin corrosion/skin irritation :

No data available.

c) Serious damage to eyes/eye irritation :

May have reversible effects on the eyes, such as eye irritation which is totally reversible by the end of observation at 21 days.

d) Respiratory or skin sensitisation :

No data available.

e) Germ cell mutagenicity :

No data available.

f) Carcinogenicity :

No data available.

g) Reproductive toxicant :

No data available.

h) Specific target organ systemic toxicity - single exposure :

No data available.

i) Specific target organ systemic toxicity - repeated exposure :

No data available.

j) Aspiration hazard :

No data available.

11.1.2.2 Other information

11.2. Information on other hazards

SECTION 12 : ECOLOGICAL INFORMATION

Harmful to aquatic organisms.

The product must not be allowed to run into drains or waterways.

12.1. Toxicity

12.1.1. Substances

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

Fish toxicity : LC50 = 0.68 mg/l
Factor M = 1
Species : Oncorhynchus mykiss
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 = 0.073 mg/l
Factor M = 10
Species : Daphnia magna
Duration of exposure : 48 h

NOEC = 0.032 mg/l
Species : Daphnia magna
Duration of exposure : 21 days

Algae toxicity : NOEC = 0.0012 mg/l
Species : Desmodesmus subspicatus
Duration of exposure : 72 h
OECD Guideline 201 (Alga, Growth Inhibition Test)

Aquatic plant toxicity : NOEC = 0.0069 mg/l
Species : Others
Duration of exposure : 72 h

LAURYL, MYRISTYL ALCOHOL, ETHOXYLATED, PROPOXYLATED (CAS: 68439-51-0)
Fish toxicity : Duration of exposure : 96 h

POTASSIUM 4 CUMENESULFONATE (CAS: 164524-02-1)
Fish toxicity : LC50 > 1000 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 > 1000 mg/l
Species : Daphnia magna
Duration of exposure : 72 h

Aquatic plant toxicity : ECr50 > 230 mg/l
Duration of exposure : 96 h

SODIUM CUMENE SULFONATE (CAS: 15763-76-5)
Fish toxicity : LC50 = 1000 mg/l
Duration of exposure : 96 h

Crustacean toxicity : EC50 = 1000 mg/l
Species : Daphnia magna
Duration of exposure : 48 h

Aquatic plant toxicity : ECr50 = 230 mg/l
Duration of exposure : 72 h

ETHYL ALCOHOL (CAS: 64-17-5)
Fish toxicity : LC50 = 9.640 mg/l
Species : Pimephales promelas
Duration of exposure : 96 h
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 = 9.714 mg/l
Species : Daphnia magna
Duration of exposure : 24 h
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity : ECr50 > 100 mg/l
Species : Scenedesmus subspicatus
Duration of exposure : 72 h

Species : Chlamydomonas sp.

Aquatic plant toxicity : Species : Others
Duration of exposure : 21 days

12.1.2. Mixtures

No aquatic toxicity data available for the substances.

12.2. Persistence and degradability

12.2.1. Substances

N-(3-AMINOPROPYL)-N-DODECYLPROPANE-1,3-DIAMINE (CAS: 2372-82-9)

Biodegradability : Rapidly degradable.

LAURYL, MYRISTYL ALCOHOL, ETHOXYLATED, PROPOXYLATED (CAS: 68439-51-0)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

POTASSIUM 4 CUMENESULFONATE (CAS: 164524-02-1)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

SODIUM CUMENE SULFONATE (CAS: 15763-76-5)

Biodegradability : no degradability data is available, the substance is considered as not degrading quickly.

ETHYL ALCOHOL (CAS: 64-17-5)

Biodegradability : Rapidly degradable.

12.3. Bioaccumulative potential

12.3.1. Substances

ETHYL ALCOHOL (CAS: 64-17-5)

Octanol/water partition coefficient : log Koe = -0.35

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties

No data available.

12.7. Other adverse effects

No data available.

SECTION 13 : DISPOSAL CONSIDERATIONS

The appropriate waste management of the mixture and/or its container must be determined in accordance with local regulations.

13.1. Waste treatment methods

Do not pour into drains or waterways.

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging :

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

Give to a certified disposal contractor.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1. UN number

-

14.2. UN proper shipping name

-

14.3. Transport hazard class(es)

-

14.4. Packing group

-

14.5. Environmental hazards

-

14.6. Special precautions for user

-

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

-

SECTION 15 : REGULATORY INFORMATION

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

The following regulations have been used:

- Globally Harmonized System of Classification and Labelling of Chemicals (GHS), review no. 8 (2019)

Container information:

No data available.

Particular provisions :

No data available.

Substances that deplete the ozone layer (EC Regulation No. 1005/2009, Montreal Protocol) :

The mixture does not contain any substance posing a risk to the ozone layer.

15.2. Chemical safety assessment

No data available.

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H333	May be harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure .
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms :

LD50 : The dose of a test substance resulting in 50% lethality in a given time period.

LC50 : The concentration of a test substance resulting in 50% lethality in a given period.

EC50 : The effective concentration of substance that causes 50% of the maximum response.

ECr50 : The effective concentration of substance that causes 50% reduction in growth rate.

NOEC : The concentration with no observed effect.

REACH : Registration, Evaluation, Authorization and Restriction of Chemical Substances.

DNEL : Derived No-Effect Level

PNEC : Predicted No-Effect Concentration

STEL : Short-term exposure limit

TWA : Moyenne pondérée dans le temps

TLV : Threshold Limit Value (exposure)

AEV : Average Exposure Value.

ADR : European agreement concerning the international carriage of dangerous goods by Road.

GHS07 : Exclamation mark

IATA : International Air Transport Association.

IMDG : International Maritime Dangerous Goods.

ICAO : International Civil Aviation Organisation

PBT: Persistent, bioaccumulable and toxic.

RID : Regulations concerning the International carriage of Dangerous goods by rail.
vPvB : Very persistent, very bioaccumulable.