

**DESOFOR PREMIUM PIN**

**SAFETY DATA SHEET**

(REACH regulation (EC) n° 1907/2006 - n° 2020/878)

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

**1.1. Product identifier**

Product name : DESOFOR PREMIUM PIN  
Product code : 10881-10882

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

For professional use only

PT3 biocide : Disinfectant for animal housing, cages, care equipment ...  
PT 2 biocide : Disinfectant for surfaces not intended to be in contact with food

**1.3. Details of the supplier of the safety data sheet**

IPC  
10 Quai Malbert, 29200, BREST, FRANCE.  
Tel. : +33 (0)2 98 43 45 44. Fax : +33 (0)2 98 44 22 53  
ipc@groupe-ipc.com

**1.4. Emergency telephone number : +33 (0)1 45 42 59 59.**

Association/Organisation : France - INRS / ORFILA <http://www.centres-antipoison.net> .

**Other emergency numbers**

Belgium : National Poisons Control Center : +32 70 245 245  
Bulgaria : Emergency Medicine N.I. Pirogov'' : +35 9 2 9154 233  
Czech Republic : Toxikologické informacní středisko : +42 0 224 919 293 / +420 224 915 402  
Denmark : Giftlinjen : 82 12 12 12  
Germany : Giftnotruf der Charité : 030 / 19240  
Greece : National Poison Information Center : (0030) 2107793777  
Hungary : Információs szolgálat akut mérgezés esetén : (+36-80) 201-199  
Ireland : Poisons Information Centre, Beaumont Hospital : 01 8092566 / 01 8379964  
Italy : Ospedale Niguarda Ca'Granda : 02 661 010 29  
Netherlands : National Poisons Information Center : 030-2748888  
Poland : Poisons information Centre : (00 48)(58) 47 82 22 / (00 48)(58) 31 65 16  
Portugal : Portugal CIAV inha telefónica exclusiva: +351 800 250 250  
Romania : Biroul RSI si Informare Toxicologica : 021 318 36 06  
Slovakia : National Toxicological Information Center : +421 2 5477 4166  
Espana : Teléfono de emergencias: + 34 91 562 04 20 (Solo emergencias toxicológicas. Información en español (24h/365 días)  
24h emergency consultation telephone in China :010-62129530  
United Kingdom : NHS 111  
Austria : Notruf 0–24 Uhr: 01 406 43 43

**SECTION 2 : HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**In compliance with EC regulation No. 1272/2008 and its amendments.**

Skin corrosion, Category 1B (Skin Corr. 1B, H314).  
Serious eye damage, Category 1 (Eye Dam. 1, H318).  
May produce an allergic reaction (EUH208).  
Hazardous to the aquatic environment - Acute hazard, Category 1 (Aquatic Acute 1, H400).  
Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411).  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.

**2.2. Label elements**

Biocidal detergent mixture (see section 15).  
Mixture for spray application.

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**In compliance with EC regulation No. 1272/2008 and its amendments.**

Hazard pictograms :



GHS05

GHS09

Signal Word :

DANGER

Product identifiers :

EC 270-325-2 ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE

Additional labeling :

EUH208 Contains TERPINOLENE. May produce an allergic reaction.

EUH208 Contains DIPENTENE. May produce an allergic reaction.

EUH208 Contains EUCALYPTOL. May produce an allergic reaction.

Hazard statements :

H314 Causes severe skin burns and eye damage.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements - Prevention :

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

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

Precautionary statements - Response :

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

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/...

Precautionary statements - Disposal :

P501 Dispose of contents/container according to local regulation

**2.3. Other hazards**

The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European CHemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

The mixture does not contains substances  $\geq 0.1\%$  with endocrine disrupting properties in accordance with the criteria of the Delegated Regulation (EU) 2017/2100 of the Commission or Regulation (EU) 2018/605 of the Commission.

**SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**

**3.2. Mixtures**

**Composition :**

Identification	(EC) 1272/2008	Note	%
CAS: 68424-85-1 EC: 270-325-2 REACH: 01-2119970550-39-xxxx ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE	GHS07, GHS05, GHS09 Dgr Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400 M Acute = 10 Aquatic Chronic 1, H410 M Chronic = 1		10 $\leq$ x % < 25
CAS: 69011-36-5 EC: 931-138-8 ISOTRIDECANOL ETHOXYLE	GHS07, GHS05 Dgr Acute Tox. 4, H302 Eye Dam. 1, H318		2.5 $\leq$ x % < 10
CAS: 8000-41-7 EC: 232-268-1 REACH: 01-2119553062-49-XXXX TERPINEOL	GHS07 Wng Skin Irrit. 2, H315 Eye Irrit. 2, H319		2.5 $\leq$ x % < 10

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CAS: 586-62-9 EC: 209-578-0  TERPINOLENE	GHS07, GHS08, GHS09 Dgr Asp. Tox. 1, H304 Skin Sens. 1B, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1		0 <= x % < 2.5
INDEX: 601-029-00-7 CAS: 138-86-3 EC: 205-341-0  DIPENTENE	GHS02, GHS07, GHS09 Wng Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	C	0 <= x % < 2.5
CAS: 470-82-6 EC: 207-431-5  EUCALYPTOL	GHS02, GHS07 Wng Flam. Liq. 3, H226 Skin Sens. 1B, H317 Eye Irrit. 2, H319		0 <= x % < 2.5

**Specific concentration limits:**

Identification	Specific concentration limits	ATE
CAS: 68424-85-1 EC: 270-325-2 REACH: 01-2119970550-39-xxxx  ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE		oral: ATE = 344 mg/kg BW
CAS: 586-62-9 EC: 209-578-0  TERPINOLENE		oral: ATE = 3775 mg/kg BW
CAS: 470-82-6 EC: 207-431-5  EUCALYPTOL		oral: ATE = 2480 mg/kg BW

**Nanoform**

This mixture does not contain nanoparticles

**Information on ingredients :**

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

**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 exposure by inhalation :**

In the event of an allergic reaction, seek medical attention.

**In the event of splashes or contact with eyes :**

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

Regardless of the initial state, refer the patient to an ophthalmologist and show him the label.

**In the event of splashes or contact with skin :**

Remove any soiled or splashed clothing immediately.

Watch out for any remaining product between skin and clothing, watches, shoes, etc.

In the event of an allergic reaction, seek medical attention.

In the event of an allergic reaction, seek medical attention.

**In the event of swallowing :**

Do not give the patient anything orally.

Seek medical attention immediately, showing the label.

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**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**

**Information for the doctor :**

Formula declared at the anti-poison center

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**SECTION 5 : FIREFIGHTING MEASURES**

Non-flammable.

**5.1. Extinguishing media**

**Suitable methods of extinction**

In the event of a fire, use :

- sprayed water or water mist
- foam
- multipurpose ABC powder
- BC powder
- carbon dioxide (CO<sub>2</sub>)

**Unsuitable methods of extinction**

In the event of a fire, do not use :

- water jet

**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 (CO<sub>2</sub>)
- nitrogen oxide (NO)
- nitrogen dioxide (NO<sub>2</sub>)
- ammonia (NH<sub>3</sub>)
- hydrogen chloride (HCl)

**5.3. Advice for firefighters**

No data available.

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**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**

If the ground is contaminated, once the product has been recovered by sponging with an inert and non-combustible absorbent material, wash the contaminated area in plenty of water.

**6.4. Reference to other sections**

No data available.

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**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.

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Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.

### 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.

### 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

Store away from incompatible materials.

Keep the container in a well ventilated place

### Storage

Store below 40°C

### Packaging

Keep strictly in original packaging

### 7.3. Specific end use(s)

No data available.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

No data available.

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

TERPINEOL (CAS: 8000-41-7)

#### Final use:

Exposure method:  
Potential health effects:  
DNEL :

#### Workers.

Dermal contact.  
Long term systemic effects.  
6.35 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
44.8 mg of substance/m3

ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE (CAS: 68424-85-1)

#### Final use:

Exposure method:  
Potential health effects:  
DNEL :

#### Workers.

Dermal contact.  
Long term systemic effects.  
5.7 mg/kg body weight/day

Exposure method:  
Potential health effects:  
DNEL :

Inhalation.  
Long term systemic effects.  
3.96 mg of substance/m3

### Predicted no effect concentration (PNEC):

TERPINEOL (CAS: 8000-41-7)

Environmental compartment:  
PNEC :

Soil.  
0.0455 mg/kg

Environmental compartment:  
PNEC :

Fresh water.  
12 µg/l

Environmental compartment:  
PNEC :

Sea water.  
1.2 µg/l

Environmental compartment:  
PNEC :

Intermittent waste water.  
120 µg/l

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Environmental compartment: PNEC :	Fresh water sediment. 0.263 mg/kg
Environmental compartment: PNEC :	Marine sediment. 0.0263 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 2.57 mg/l

### ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE (CAS: 68424-85-1)

Environmental compartment: PNEC :	Soil. 7 mg/kg
Environmental compartment: PNEC :	Fresh water. 0.0009 mg/l
Environmental compartment: PNEC :	Sea water. 0.00096 mg/l
Environmental compartment: PNEC :	Intermittent waste water. 0.00016 mg/l
Environmental compartment: PNEC :	Fresh water sediment. 12.27 mg/kg
Environmental compartment: PNEC :	Marine sediment. 13.09 mg/kg
Environmental compartment: PNEC :	Waste water treatment plant. 0.4 mg/l

## 8.2. Exposure controls

### Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



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.

Before handling, wear safety goggles with protective sides accordance with standard EN166.

When spraying, wear a face shield in accordance with standard EN166.

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.

Type of gloves recommended :

- Butyl Rubber (Isobutylene-isoprene copolymer)

- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

Recommended properties :

Use lifetime : < 60 min

Breakthrough time : > 8H

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Nitrile Thickness 0.35 mm  
Butyle : Thickness 0.5 mm

### - Body protection

Avoid skin contact.

Wear suitable protective clothing.

Suitable type of protective clothing :

Wear suitable protective clothing and, in particular, an apron and boots. These items of clothing shall be maintained in good condition and cleaned after use.

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.

### - Respiratory protection

If there is a risk when spraying, wear respiratory protection (FFP2 mask)

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### Physical state

Physical state : Fluid liquid.

#### Colour

Brown

#### Odour

Odour threshold : Not stated.

Characteristic (pine)

#### Melting point

Melting point/melting range : Not specified.

#### Freezing point

Freezing point / Freezing range : Not stated.

#### Boiling point or initial boiling point and boiling range

Boiling point/boiling range : Not specified.

#### 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 specified.

#### Decomposition temperature

Decomposition point/decomposition range : Not specified.

#### pH

pH : 11.00 +/-0.4.  
Slightly basic.

pH (aqueous solution) : a 1 % : 8.5

#### Kinematic viscosity

Viscosity : Not stated.

#### Solubility

Water solubility : Dilutable.  
Method for determining the water solubility :

CIPAC MT41

Fat solubility : Not stated.

#### Partition coefficient n-octanol/water (log value)

Partition coefficient: n-octanol/water : Not stated.

#### Vapour pressure

Vapour pressure (50°C) : Not relevant.

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### Density and/or relative density

Density : 1.004 +/-0.002  
Method for determining the density :  
OCDE Guideline 109 (Density of liquids and solids).

### 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

Keep away from :  
- strong oxidising agents  
- strong reducing agents  
- sodium hypochlorite  
- peroxides  
- strong acids

### 10.6. Hazardous decomposition products

The thermal decomposition may release/form :  
- carbon monoxide (CO)  
- carbon dioxide (CO<sub>2</sub>)  
- nitrogen oxide (NO)  
- nitrogen dioxide (NO<sub>2</sub>)  
- ammonia (NH<sub>3</sub>)  
chlorinated compounds

## SECTION 11 : TOXICOLOGICAL INFORMATION

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

May cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following exposure between three minutes and one hour.

Corrosive reactions are typified by ulcers, bleeding, bloody scabs, and, by the end of observation at 14 days, by discolouration due to blanching of the skin, complete areas of alopecia, and scars.

#### 11.1.1. Substances

##### Acute toxicity :

EUCALYPTOL (CAS: 470-82-6)  
Oral route : LD50 = 2480 mg/kg

TERPINOLENE (CAS: 586-62-9)  
Oral route : LD50 = 3775 mg/kg

ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE (CAS: 68424-85-1)  
Oral route : LD50 = 344 mg/kg



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Species : Rat

**11.1.2. Mixture**

**Respiratory or skin sensitisation :**

Contains at least one sensitising substance. May cause an allergic reaction.

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**SECTION 12 : ECOLOGICAL INFORMATION**

Very toxic to aquatic life with long lasting effects.

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

**12.1. Toxicity**

**12.1.1. Substances**

ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE (CAS: 68424-85-1)

Fish toxicity : LC50 = 0.515 mg/l  
Factor M = 1

Crustacean toxicity : EC50 = 0.016 mg/l  
Factor M = 10

Algae toxicity : ECr50 = 0.03 mg/l  
Factor M = 10

NOEC = 0.009 mg/l  
Factor M = 1

TERPINEOL (CAS: 8000-41-7)

Fish toxicity : LC50 <= 80 mg/l  
Species : Danio rerio  
Duration of exposure : 96 h  
OECD Guideline 203 (Fish, Acute Toxicity Test)

NOEC = 62 mg/l  
Species : Danio rerio  
Duration of exposure : 96 h  
OECD Guideline 203 (Fish, Acute Toxicity Test)

Crustacean toxicity : EC50 = 73 mg/l  
Species : Daphnia magna  
Duration of exposure : 48 h  
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

NOEC = 40 mg/l  
Species : Daphnia magna  
OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

Algae toxicity : ECr50 = 68 mg/l  
Species : Pseudokirchnerella subcapitata  
Duration of exposure : 72 h  
OECD Guideline 201 (Alga, Growth Inhibition Test)

NOEC = 3.9 mg/l  
Species : Pseudokirchnerella subcapitata  
Duration of exposure : 72 h  
OECD Guideline 201 (Alga, Growth Inhibition Test)

**12.1.2. Mixtures**

No aquatic toxicity data available for the mixture.

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### 12.2. Persistence and degradability

#### 12.2.1. Substances

TERPINEOL (CAS: 8000-41-7)  
Biodegradability : Rapidly degradable.

ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE (CAS: 68424-85-1)  
Biodegradability : Rapidly degradable.

### 12.3. Bioaccumulative potential

#### 12.3.1. Substances

TERPINEOL (CAS: 8000-41-7)  
Octanol/water partition coefficient :  $\log K_{ow} < 3$ .

### 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

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 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, preferably 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.

#### Codes of wastes (Decision 2014/955/EC, Directive 2008/98/EEC on hazardous waste) :

16 05 08 \* discarded organic chemicals consisting of or containing dangerous substances

## SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2021 - IMDG 2020 - ICAO/IATA 2021).

### 14.1. UN number or ID number

1903

### 14.2. UN proper shipping name

UN1903=DISINFECTANT, LIQUID, CORROSIVE, N.O.S.  
(alkyldimethylbenzylammoniumchloride)

### 14.3. Transport hazard class(es)

- Classification :



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### 14.4. Packing group

III

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**14.5. Environmental hazards**

- Environmentally hazardous material :



**14.6. Special precautions for user**

ADR/RID	Class	Code	Pack gr.	Label	Ident.	LQ	Provis.	EQ	Cat.	Tunnel
	8	C9	III	8	80	5 L	274	E1	3	E

IMDG	Class	2°Label	Pack gr.	LQ	EMS	Provis.	EQ	Stowage Handling	Segregation
	8	-	III	5 L	F-A, S-B	223 274	E1	Category A	-

IATA	Class	2°Label	Pack gr.	Passager	Passager	Cargo	Cargo	note	EQ
	8	-	III	852	5 L	856	60 L	A3 A803	E1
	8	-	III	Y841	1 L	-	-	A3 A803	E1

For limited quantities, see part 2.7 of the OACI/IATA and chapter 3.4 of the ADR and IMDG.

For excepted quantities, see part 2.6 of the OACI/IATA and chapter 3.5 of the ADR and IMDG.

Marine pollutant (IMDG 3.1.2.9):(alkyldimethylbenzylammoniumchloride)

**14.7. Maritime transport in bulk according to IMO instruments**

No data available.

**SECTION 15: Regulatory information**

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

**- Classification and labelling information included in section 2:**

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/643 (ATP 16)

- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)

**- Container information:**

No data available.

**- Particular provisions :**

No data available.

**- Labelling for detergents (EC Regulation No. 648/2004,907/2006) :**

- 5 % or over but less than 15 % : cationic surfactants

- less than 5 % : nonionic surfactants

- disinfectants

- perfumes

**- Labelling for biocidal products (Regulation (UE) n° 528/2012) :**

Name	CAS	%	Product-type
ALKYLDIMETHYLBENZYLAMMONIUMCHLORIDE	68424-85-1	100.00 g/kg	02 03 04

Product-type 2 : Disinfectants and algacides not intended for direct application to humans or animals.

Product-type 3 : Veterinary hygiene.

Product-type 4 : Food and feed area.

**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.

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**Wording of the phrases mentioned in section 3 :**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

**Abbreviations :**

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.  
ATE : Acute Toxicity Estimate  
BW : Body Weight  
DNEL : Derived No-Effect Level  
PNEC : Predicted No-Effect Concentration  
UFI : Unique formulation identifier.  
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 Organisation  
RID : Regulations concerning the International carriage of Dangerous goods by rail.  
WGK : Wassergefährdungsklasse (Water Hazard Class).  
GHS05 : Corrosion  
GHS09 : Environment  
PBT: Persistent, bioaccumulable and toxic.  
vPvB : Very persistent, very bioaccumulable.  
SVHC : Substances of very high concern.