

according to Regulation (EC) No 1907/2006

Safeline Surface Des

Revision date: 14.03.2019

Product code: 00320-0024-GHS

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

1.1. Product identifier

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

Use of the substance/mixture

Disinfection and cleaning of medical inventory and surfaces

1.3. Details of the supplier of the safety data sheet

Company name:	AMPri Handelsgesellschaft mbH	
Street:	Benzstraße 16	
Place:	21423 Winsen (Luhe)	
Telephone: e-mail:	+49 (0) 4171-84 80-0 info@ampri.de	Telefax:+49 (0) 4174-84 80-190
Responsible Department:	Responsible for the safety data she	eet: sds@gbk-ingelheim.de
<u>1.4. Emergency telephone</u> number:	INTERNATIONAL: +49 - (0) 6132 - In England and Wales: NHS 111 In	84463, GBK GmbH (24h - 7d/w - 365d/a) Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories: Skin corrosion/irritation: Skin Irrit. 2 Serious eye damage/eye irritation: Eye Dam. 1 Hazardous to the aquatic environment: Aquatic Acute 1 Hazardous to the aquatic environment: Aquatic Chronic 2 Hazard Statements: Causes skin irritation. Causes serious eye damage. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling

Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides Didecyldimethylammonium chloride Alcohols,C9-11-branched, ethoxylated Danger

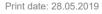
Signal word:

Pictograms:



Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.
H410	Very toxic to aquatic life with long lasting effects.







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Precautionary statements

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P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
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.
P273	Avoid release to the environment.
P310	Immediately call a POISON CENTER/doctor.
P501	Dispose of contents/container to approved disposal company or local collection.

2.3. Other hazards

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Aqueous surfactants solution

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	GHS Classification		•	
68424-85-1	Quaternary ammonium compound	s, benzyl-C12-16-alkyldimethyl,	chlorides	< 10 %
	939-253-5		01-2119965180-41	
	Acute Tox. 4, Skin Corr. 1B, Eye D (M-Factor = 1); H302 H314 H318 H		or = 10), Aquatic Chronic 1	
7173-51-5	Didecyldimethylammonium chlorid	e		< 5 %
	230-525-2	612-131-00-6	01-2119945987-15	
	Acute Tox. 3, Skin Corr. 1B, Aquat H301 H314 H400 H410	ic Acute 1 (M-Factor = 10), Aqua	tic Chronic 1 (M-Factor = 1);	
169107-21-5	Alcohols,C9-11-branched, ethoxyla	ated		< 5 %
	Acute Tox. 4, Eye Dam. 1; H302 H	318	·	

Full text of H and EUH statements: see section 16.

Further Information

Concentration of quarternary ammonium compounds < 10%

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated soaked clothing immediately. If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours or decomposition products. In the event of symptoms refer for medical treatment.

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After contact with skin

Wash off immediately with soap and plenty of water. Consult a doctor if skin irritation persists.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids. Seek medical treatment by eye specialist.

After ingestion

Do not provoke vomiting. Consult physician. Attention in case of vomiting - acute danger of suffocating, produced by foaming ingredients. Rinse mouth. Make drink some glasses of water. The decision whether to provoke vomiting is to be taken by a physician.

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

Causes skin irritation. Causes serious eye damage. Watch out. Beware, hazard of foam aspiration.

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

Treat symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

Unsuitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Fire may produce: Chlorine compounds. carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx)

5.3. Advice for firefighters

Use breathing apparatus with independent air supply. Protective suit.

Additional information

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of vapour formation use respirator. Ensure adequate ventilation. Use personal protective clothing.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/ground water.

6.3. Methods and material for containment and cleaning up

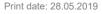
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder). Shovel into suitable container for disposal.

6.4. Reference to other sections

Observe protective instructions (see Sections 7 and 8).

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Information for disposal see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Keep container tightly closed. Use only in thoroughly ventilated areas. Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep containers tightly closed in a dry, well-ventilated place. Keep at temperatures between 5°C and 25°C.

Hints on joint storage

Incompatible with oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

Disinfection and cleaning of medical inventory and surfaces

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

No data available

8.2. Exposure controls

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Wash hands before breaks and immediately after handling the product. When using do not eat, drink or smoke. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothes before re-use.

Eye/face protection

Tightly fitting goggles (EN 166). Eye wash bottle with pure water (EN 15154).

Hand protection

Also suitable are gloves made of: Natural rubber (NR; 0,5 mm): Breakthrough time > 8 h Polychloropren - CR (0,5 mm): Breakthrough time > 8 h Nitrile rubber/nitrile latex - NBR (0,35 mm): Breakthrough time > 8 h Butyl rubber - Butyl (0,5 mm): Breakthrough time > 8 h Fluoro-rubber - FKM (0.4 mm): Breakthrough time > 8 h Polyvinyl chloride - PVC (0.5 mm): Breakthrough time > 8 h This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374

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carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Long sleeved clothing (DIN EN ISO 6530)

Respiratory protection

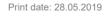
In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A) (EN 14387).

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Colour: Odour:	Liquid Colourless Mild	
		Test method
pH-Value (at 20 °C):	6 - 8,5	Concentrate
Changes in the physical state		
Melting point:	< - 10 °C	
Initial boiling point and boiling range:	approx. 100 °C	
Sublimation point:	n.a.	
Softening point:	n.d.	
Flash point:	n.a.	
Flammability		
Solid: Gas:	n.a.	
	n.a.	
Explosive properties The product is not explosive.		
Lower explosion limits:	n.a.	
Upper explosion limits:	n.a.	
Ignition temperature:	n.a.	
Auto-ignition temperature		
Solid:	n.a.	
Gas:	n.a.	
Decomposition temperature:	n.d.	
Oxidizing properties Not oxidising.		
Density (at 20 °C):	approx. 0,99 g/cm³	
Water solubility: (at 20 °C)	Miscible	
Partition coefficient:	n.d.	
Viscosity / dynamic:	7 - 9 mPa·s	
Viscosity / kinematic:	n.d.	
Flow time:	n.d.	

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Vapour density:	n.d.	
Evaporation rate:	n.d.	
Solvent separation test:	0 %	
Solvent content:	0 %	
9.2. Other information		
No data available		

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reactions with oxidizing agents.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) chlorine compounds

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Based on available data, the classification criteria are not met. No toxicological data available.

Irritation and corrosivity

Causes skin irritation. Causes serious eye damage. Skin: Non corrosive [OECD 435]

Sensitising effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

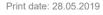
Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Additional information on tests

Classification in compliance with the assessment procedure specified in the Regulation (EC) no 1272/2008 and on the basis of toxicological data.







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Practical experience

Other observations

Watch out. Beware, hazard of foam aspiration.

SECTION 12: Ecological information

12.1. Toxicity

Ecological data are not available. Very toxic to aquatic organisms. Toxic to aquatic life with long lasting effects. Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides LC50/Oncorhynchus mykiss/96 h = 0,93 mg/l [US-EPA] LC50/Pimephales promelas/96 h = 0,28 mg/l [US-EPA] EC50/Daphnia magna/48 h = 0,025 mg/l [EPA-FIFRA] ErC50/Selenastrum capricornutum/72 h = 0,049 [OECD 201] EC50/Activated sludge/ 3 h = 7,75 mg/l [OECD 209] LC50/earthworms/14 d = 7070 mg/kg [OECD 207]

12.2. Persistence and degradability

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT / vPvB substance.

12.6. Other adverse effects

Hazardous water pollutant.

Further information

This concentrate is not allowed to be released into the sewerage, surface water or groundwater.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Can be incinerated, when in compliance with local regulations.

Waste disposal number of waste from residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal. Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

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SECTION 14: Transport information		
Land transport (ADR/RID)		
<u>14.1. UN number:</u>	UN 3082	
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.	
	(Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)	
<u>14.3. Transport hazard class(es):</u>	9	
14.4. Packing group:	III	

Hazard label:9Classification code:M6Limited quantity:5 LExcepted quantity:E1Transport category:3Hazard No:90

chlorides) 9 III 9 **M**6 5 L / 30 kg

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Other applicable information (land transport)

Special provision 375: Product in packaging (inner packaging, single packaging) up to 5 L is not subject to the provisions of ADR/RID.

Inland waterways transport (ADN)

Tunnel restriction code:

RONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. ernary ammonium compounds, benzyl-C12-16-alkyldimethyl, des)
ς.
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N
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30 kg

Special provision 375: Product in packaging (inner packaging, single packaging) up to 5 L is not subject to the provisions of ADN.

Marine transport (IMDG)	
<u>14.1. UN number:</u>	UN 3082
<u>14.2. UN proper shipping name:</u>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)
14.3. Transport hazard class(es):	9







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14.4. Packing group:	III	
Hazard label:	9	
	9	
Marine pollutant:	Yes	
Limited quantity:	5 L / 30 kg	
Excepted quantity:	E1	
EmS:	F-A, S-F	
Other applicable information (marine tra Subsection 2.10.2.7 IMDG Code: Proc subject to the provisions of MDG Code	duct in packaging (inner packaging, single packaging) up to 5 L is not	
Air transport (ICAO-TI/IATA-DGR)		
<u>14.1. UN number:</u>	UN 3082	
14.2. UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides)	
14.3. Transport hazard class(es):	9	
14.4. Packing group:	III	
Hazard label:	9	
	9	
Limited quantity Passenger: Passenger LQ:	30 kg G Y964	
Excepted quantity:	E1	
IATA-packing instructions - Passenger:	964	
IATA-max. quantity - Passenger:	450 L	
IATA-packing instructions - Cargo:	964	
IATA-max. quantity - Cargo:	450 L	
Other applicable information (air transp Special provision A197: Product in par provisions of IATA/DGR.	ort) ckaging (inner packaging, single packaging) up to 5 L is not subject to the	
14.5. Environmental hazards		
ENVIRONMENTALLY HAZARDOUS:	yes	

14.6. Special precautions for user

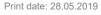
Take the usual precautions when handling with chemicals.

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

The transport takes place only in approved and appropriate packaging.

SECTION 15: Regulatory information

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15.1. Safety, health and environmental rec	ulations/legislation specific for the substance or mixture	
EU regulatory information		
2004/42/EC (VOC): Information according to 2012/18/EU (SEVESO III):	1 % E1 Hazardous to the Aquatic Environment	
Additional information Regulation (EC) No 648/2004 (Regu Non-ionic surfactants < 5%	lation on detergents):	
National regulatory information		
Employment restrictions:	Observe restrictions to employment for juvenils according to the work protection guideline' (94/33/EC). Observe employment resunder the Maternity Protection Directive (92/85/EEC) for expect nursing mothers.	trictions
Water contaminating class (D):	2 - clearly water contaminating	
15.2. Chemical safety assessment For this substance a chemical safety	assessment has not been carried out.	
SECTION 16: Other information		
Changes Changes in chapter: 2, 4, 9, 11, 14		

Abbreviations and acronyms

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

IBC-Code = International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

- CAS = Chemical Abstract Service
- EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

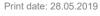
LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Relevant H and EUH statements (number and full text)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.







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Safeline Surface Des Revision date: 14.03.2019 Product code: 00320-0024-GHS Page 11 of 11 H410 Very toxic to aquatic life with long lasting effects. H411 Page 11 of 11 Further Information Toxic to aquatic life with long lasting effects. Further Information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)

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