



mirius™
A Coventry Group Company

SAFETY DATA SHEET SUPER BACTERICIDAL WASHING UP LIQUID D10

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

1.1. Product identifier

Product name	SUPER BACTERICIDAL WASHING UP LIQUID D10
Product number	800-192-0007
Container size	5 litres
UFI	F5FH-JHN3-7509-5DX0

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

Identified uses	Disinfectant. Detergent.
Uses advised against	Not for Oral Consumption.

1.3. Details of the supplier of the safety data sheet

Supplier	MIRIUS™ A Coventry Group Company Woodhams Road, Siskin Drive, Coventry, England, CV3 4FX www.mirius.com info@mirius.com +442476639739
Contact person	For content of safety data sheet:, sds@mirius.com

1.4. Emergency telephone number

National emergency telephone number	UK: In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
Environmental hazards	Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411

2.2. Label elements

Hazard pictograms



Signal word	Danger
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Hazard statements	H315 Causes skin irritation. H318 Causes serious eye damage. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	P101 If medical advice is needed, have product container or label at hand. P103 Read label before use. P264 Wash contaminated skin thoroughly after handling. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P302+P352 IF ON SKIN: Wash with plenty of water. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical advice/ attention. P310 Immediately call a POISON CENTER/ doctor. P362+P364 Take off contaminated clothing and wash it before reuse. P501 Dispose of contents/ container in accordance with national regulations.
Contains	ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16)), ALCOHOLS, C12-14, ETHOXYLATED, COCONUT DIETHANOLAMIDE
Biocide Labelling	This product contains substances with biocidal properties., Contains active substance:, Alkyl (C12-16) dimethylbenzyl ammonium chloride (ADBAC/BKC (C12-16)), 8.0%, Didecyldimethylammonium chloride (DDAC (C8-10)), 1.0%., Read attached instructions before use.
Detergent labelling	< 5% aliphatic hydrocarbons, < 5% disinfectants, < 5% non-ionic surfactants, < 5% perfumes, Contains LIMONENE

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16))	1-5%
CAS number: 68424-85-1	EC number: 270-325-2
M factor (Acute) = 10	M factor (Chronic) = 1
Classification Acute Tox. 4 - H302 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
ALCOHOLS, C12-14, ETHOXYLATED	1-5%
CAS number: 68439-50-9	EC number: 500-213-3
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	

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COCONUT DIETHANOLAMIDE	1-5%
CAS number: 68155-07-7	EC number: 931-329-6
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411	Classification (67/548/EEC or 1999/45/EC) Xi;R38,R41.
Didecyldimethylammonium chloride (DDAC (C8-10))	<1%
CAS number: 68424-95-3	M factor (Acute) = 10
	M factor (Chronic) = 1
Classification Acute Tox. 3 - H301 Acute Tox. 3 - H311 Skin Corr. 1B - H314 Eye Dam. 1 - H318 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
ETHANOL	<1%
CAS number: 64-17-5	EC number: 200-578-6
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319	
GLYCEROL	<1%
CAS number: 56-81-5	EC number: 200-289-5
Classification Not Classified	Classification (67/548/EEC or 1999/45/EC) -
PHOSPHORIC ACID	<1%
CAS number: 7664-38-2	EC number: 231-633-2
Classification Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Provide eyewash station.

Inhalation

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

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Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if symptoms are severe or persist after washing. Show this Safety Data Sheet to the medical personnel.

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

General information	Provide eyewash station.
Inhalation	Unlikely to be hazardous by inhalation because of the low vapour pressure of the product at ambient temperature.
Ingestion	Unlikely exposure route without abuse. Symptoms will include, Sickness, possible Irritation of GI Tract. A soapy taste may be reported.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	The product is irritating to eyes and skin. Prolonged or repeated exposure may cause the following adverse effects: Irritation and redness, followed by blurred vision. Corneal damage. Risk of serious damage to eyes.

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

Notes for the doctor	No specific recommendations.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.
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5.3. Advice for firefighters

Protective actions during firefighting	Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	For personal protection, see Section 8. Treat the spilled material according to the instructions in the clean-up section. Take care as floors and other surfaces may become slippery.
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6.2. Environmental precautions

Environmental precautions	Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.
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6.3. Methods and material for containment and cleaning up

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Methods for cleaning up Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid spilling. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid breathing vapour/spray. Do not mix with other household chemical products. Do not mix with acid.

Advice on general occupational hygiene Good personal hygiene procedures should be implemented. Do not eat, drink or smoke when using this product. Wash skin thoroughly after handling. Take off contaminated clothing and wash it before reuse. Use appropriate hand lotion to prevent defatting and cracking of skin.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store at room temperature. Keep out of the reach of children. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

GLYCEROL

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ mist

PHOSPHORIC ACID

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

Ingredient comments No exposure limits known for ingredient(s).

ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16)) (CAS: 68424-85-1)

DNEL Workers - Dermal; Long term systemic effects: 5.7 mg/kg/day
 Workers - Inhalation; Long term systemic effects: 3.96 mg/m³
 General population - Oral; Long term systemic effects: 3.4 mg/kg/day
 General population - Dermal; Long term systemic effects: 3.4 mg/kg/day
 General population - Inhalation; Long term systemic effects: 1.64 mg/m³

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PNEC

- Fresh water; 0.001 mg/l
- Intermittent release, Fresh water; 0 mg/l
- marine water; 0.001 mg/l
- STP; 0.4 mg/l
- Sediment (Freshwater); 12.27 mg/kg
- Sediment (Marinewater); 13.09 mg/kg
- Soil; 7 mg/kg

ALCOHOLS, C12-14, ETHOXYLATED (CAS: 68439-50-9)

DNEL

- Workers - Inhalation; Long term systemic effects: 294 mg/m³
- Workers - Dermal; Long term systemic effects: 2080 mg/kg/day
- General population - Inhalation; Long term systemic effects: 87 mg/m³
- General population - Dermal; Long term systemic effects: 1250 mg/kg/day
- General population - Oral; Long term systemic effects: 25 mg/kg/day

PNEC

- Fresh water; 0.0437 mg/l
- Intermittent release; 0.004 mg/l
- STP; 10 mg/l
- Sediment (Freshwater); 31 mg/kg
- Sediment (Marinewater); 31 mg/kg
- Soil; 1 mg/kg

COCONUT DIETHANOLAMIDE (CAS: 68155-07-7)

DNEL

- Workers - Inhalation; Long term systemic effects: 73.4 mg/m³
- Workers - Dermal; Long term systemic effects: 4.16 mg/kg/day
- Workers - Dermal; Long term local effects: 0.0936 mg/cm²
- General population - Inhalation; Long term systemic effects: 21.73 mg/m³
- General population - Dermal; Long term systemic effects: 2.5 mg/kg/day
- General population - Dermal; Long term local effects: 0.0562 mg/cm²
- General population - Oral; Long term systemic effects: 6.25 mg/kg/day

PNEC

- Fresh water; 0.007 mg/l
- marine water; 0.001 mg/l
- STP; 830 mg/l
- Sediment (Freshwater); 0.195 mg/kg
- Sediment (Marinewater); 0.019 mg/kg
- Soil; 0.035

ETHANOL (CAS: 64-17-5)

DNEL

- Workers - Inhalation; Long term systemic effects: 950 mg/m³
- Workers - Inhalation; Short term local effects: 1900 mg/m³
- Workers - Dermal; Long term systemic effects: 343 mg/kg
- General population - Inhalation; Long term systemic effects: 114 mg/m³
- General population - Inhalation; Short term local effects: 950 mg/m³
- General population - Dermal; Long term systemic effects: 206 mg/kg/day
- General population - Oral; Long term systemic effects: 87 mg/kg/day

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- PNEC**
- Fresh water; 0.96 mg/l
 - marine water; 0.79 mg/l
 - Intermittent release; 2.75 mg/l
 - STP; 580 mg/l
 - Sediment (Freshwater); 3.6 mg/kg
 - Sediment (Marinewater); 2.9 mg/kg
 - Soil; 0.63 mg/kg

GLYCEROL (CAS: 56-81-5)

- DNEL**
- Workers - Inhalation; Long term local effects: 56 mg/m³
 General population - Inhalation; Long term local effects: 33 mg/m³
 General population - Oral; Long term systemic effects: 229 mg/kg/day

- PNEC**
- Fresh water; 0.885 mg/l
 - marine water; 0.0885 mg/l
 - Intermittent release; 8.85 mg/l
 - STP; 1000 mg/l
 - Sediment (Freshwater); 3.3 mg/kg
 - Sediment (Marinewater); 0.33 mg/kg
 - Soil; 0.141 mg/kg

DIETHANOLAMINE (CAS: 111-42-2)

- DNEL**
- Workers - Inhalation; Long term local effects: 1 mg/m³
 Workers - Dermal; Long term systemic effects: 0.13 mg/cm²
 General population - Inhalation; Long term local effects: 0.25 mg/m³
 General population - Dermal; Long term systemic effects: 0.07 mg/kg/day
 General population - Oral; Long term systemic effects: 0.06 mg/kg/day

- PNEC**
- Fresh water; 0.02 mg/l
 - marine water; 0.002 mg/l
 - STP; 100 mg/l
 - Sediment (Freshwater); 0.092 mg/kg
 - Sediment (Marinewater); 0.009 mg/kg
 - Soil; 0.007 mg/kg

TETRASODIUM ETHYLENE DIAMINE TETRAACETATE (CAS: 64-02-8)

- DNEL**
- General population - Oral; Long term systemic effects: 25 mg/kg/day
 General population - Inhalation; Long term local effects: 0.6 mg/m³
 General population - Inhalation; Short term local effects: 1.2 mg/m³
 Workers - Inhalation; Long term local effects: 1.5 mg/m³
 Workers - Inhalation; Short term local effects: 3 mg/m³

- PNEC**
- Fresh water; 2.2 mg/l
 - marine water; 0.22 mg/l
 - Intermittent release; 1.2 mg/l
 - STP; 43 mg/l
 - Soil; 0.72 mg/kg

PHOSPHORIC ACID (CAS: 7664-38-2)

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DNEL

Workers - Inhalation; Long term systemic effects: 10.7 mg/m³
 Workers - Inhalation; Long term local effects: 1 mg/m³
 Workers - Inhalation; Short term local effects: 2 mg/m³
 General population - Inhalation; Long term systemic effects: 4.57 mg/m³
 General population - Inhalation; Long term local effects: 0.36 mg/m³
 General population - Oral; Long term systemic effects: 0.1 mg/kg/day

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses. Personal protective equipment that provides appropriate eye and face protection should be worn.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Polyvinyl chloride (PVC). Rubber (natural, latex). Neoprene. Nitrile rubber. Polyethylene. To protect hands from chemicals, wear gloves that are proven to be impervious to the chemical and resist degradation. A break through time of >60 minutes is suggested. Gloves should be inspected regularly for damage.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate hand lotion to prevent defatting and cracking of skin.

Hygiene measures

Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

Respiratory protection not required.

Environmental exposure controls

Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Blue.
Odour	Mild.
Odour threshold	Not applicable.
pH	6.5-8.5
Melting point	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
Flammability (solid, gas)	Not applicable.

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Upper/lower flammability or explosive limits	Not applicable.
Other flammability	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	~ 1.005 typically @ 20°C
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	Not applicable.
Viscosity	No information available.
Explosive properties	Not applicable
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	Not applicable.
Comments	Information given is applicable to the product as supplied.

9.2. Other information

Other information Not relevant.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Under normal storage conditions this product is stable.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

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Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

ATE oral (mg/kg) 5,805.77

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

ATE dermal (mg/kg) 49,625.0

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Causes skin irritation. Calculation method.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye damage. Calculation method.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Based on available data the classification criteria are not met.

Carcinogenicity

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

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

General information

This product has low toxicity.

Ingestion

May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.

Skin contact

Skin irritation should not occur when used as recommended. Prolonged or repeated exposure may cause the following adverse effects: Irritation. Redness. Dryness and/or cracking. Mild dermatitis, allergic skin rash.

Eye contact

Irritating to eyes. May cause serious eye damage. Severe irritation, burning, tearing and blurred vision. Corneal damage.

11.2 Information on other hazards

11.2.1. Endocrine disrupting properties

This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

11.2.2 Other information

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SECTION 12: Ecological information

Ecotoxicity Harmful to aquatic life.

12.1. Toxicity

Toxicity The product contains a substance which is harmful to aquatic organisms.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Partition coefficient Not applicable.

12.4. Mobility in soil

Mobility The product is water-soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Endocrine disrupting properties

Endocrine disrupting properties This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Do not discharge into drains or watercourses or onto the ground.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Normal use solutions are expected to be flushed to sewers. Reuse or recycle products wherever possible.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 3082

UN No. (IMDG) 3082

UN No. (ICAO) 3082

UN No. (ADN) 3082

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16)), Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides)

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Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16)), Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16)), Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (CONTAINS ALKYL (C12-16) DIMETHYLBENZYL AMMONIUM CHLORIDE (ADBAC/BKC (C12-16)), Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides)

14.3. Transport hazard class(es)

ADR/RID class	9
ADR/RID classification code	M6
ADR/RID label	9
IMDG class	9
ICAO class/division	9
ADN class	9

Transport labels



14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III
ADN packing group	III

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant



14.6. Special precautions for user

EmS	F-A, S-F
ADR transport category	3
Emergency Action Code	•3Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(-)

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

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Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations

GB (UK) CLP and REACH Regulations.
 The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
 EH40/2005 Workplace exposure limits.
 The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).
 The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).
 The Detergents Regulations 2010 (SI 2010 No. 740) (as amended). The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended). The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (as amended).
 The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020 - as amended

EU legislation

European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended)
 European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
 European Regulation (EC) No 648/2004 on detergents (as amended).
 European Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products (BPR) as amended.
 Regulation (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) 1907/2006.

Guidance

Workplace Exposure Limits EH40.
 ECHA Guidance on the Application of the CLP Criteria.
 ECHA Guidance on the compilation of safety data sheets.
 COSHH Essentials.
 Technical Guidance WM2: Hazardous Waste.

15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

DNEL: Derived No Effect Level.
 PBT: Persistent, Bioaccumulative and Toxic substance.
 PNEC: Predicted No Effect Concentration.
 MARPOL 73/78: International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978.

Revision comments

New revision number applied to comply with Commission Regulation (EU) No 2015/830 Of 28 May 2015'

Revision date

12/03/2024

Revision

1

SDS number

23853

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Risk phrases in full	R21/22 Harmful in contact with skin and if swallowed. R34 Causes burns. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.
Hazard statements in full	H225 Highly flammable liquid and vapour. H290 May be corrosive to metals. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. 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. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

----- END OF SDS -----