

SAFETY DATA SHEET

According to EC Regulation 1907/2006/EC - revision 2020/878

Print Date 04/02/2024

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Revision No. 2.5
Revision date 29/12/2023

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

1.1. Product identifier

Product Name: EVERBRITE ULTRA
Product Code: 11004649X1 (CLP)
UFI: YXT2-309W-100M-6TUE

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

Recommended use

Disinfectant. Cleaner.

1.3. Details of the supplier of the safety data sheet

NCH UK & Ireland,
Arrowmere House, Bilston,
WV14 0QL
Tel (UK): 01902 510200, Tel (Ireland): 042 939 5502
E-mail address: technical_uk@nch.com
Website address: www.ncheurope.com

1.4. Emergency telephone number

UK - 01902 510200 (available during Office Hours)
In Republic of Ireland (available from 8am to 10pm daily): 01 809 2166

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP/GHS) and its adaptations

Skin corrosion: Category 1B
Aquatic acute: Category 1
Aquatic chronic: Category 3
Serious damage to eyes: Category 1
H314 - Causes severe skin burns and eye damage
H400 - Very toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects
H318 - Causes serious eye damage

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)

Contains 2-AMINOETHANOL & DIDECYLDIMETHYLAMMONIUM CHLORIDE

Hazard pictograms



Signal word Danger

Hazard statements

H314 - Causes severe skin burns and eye damage
H400 - Very toxic to aquatic life
H412 - Harmful to aquatic life with long lasting effects

Precautionary statements

P260 - Do not breathe vapors.
P273 - Avoid release to the environment
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
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 or doctor

Keep out of reach of children
 For industrial and institutional use only.
 Use biocides safely. Always read the label and product information before use

2.3. Other hazards

No additional hazards identified.

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS

3.2 Mixture

Chemical name	CAS No	EC No (EU Index No)	EU - REACH reg number	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Notes
2-AMINOETHANOL	141-43-5	205-483-3	01-2119486455-28	5 - < 10	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Acute Tox. 4 (H332) Skin Corr. 1B (H314) STOT SE 3 (H335)	
DIDECYLDIMETHYLAMMONIUM CHLORIDE	7173-51-5	230-525-2	01-2119945987-15	5 - < 10	Acute Tox. 4 (H302) Skin Corr. 1B (H314) Aquatic Acute 1 (H400) Aquatic Chronic (H411)	
POTASSIUM CARBONATE	584-08-7	209-529-3	01-2119532646-36	5 - < 10	Eye Irrit. 2 (H319) Skin Irrit. 2 (H315) STOT SE 3 (H335)	
FATTY ALCOHOL POLYGLYCOLETHER	68439-49-6			5 - < 10	Eye Irrit. 2 (H319)	
ISOPROPYL ALCOHOL	67-63-0	200-661-7	01-2119457558-25	1 - < 3	Flam. Liq. 2 (H225) STOT SE 3 (H336) Eye Irrit. 2 (H319)	

An M-Factor of 10 for CAS7173-51-5 has been considered for the classification of this product. For any H statements mentioned in this section, see the full text in section 16.

Chemical name	EU - CLP (1272/2008) - Specific Concentration Limits
2-AMINOETHANOL	H335 C>=5%

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice

Do not breathe vapours or spray mist. Do not get in eyes, on skin or on clothing.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.

Ingestion

Never give anything by mouth to an unconscious person. Rinse mouth with water. Drink 1 or 2 glasses of water. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

Inhalation

If exposed to high concentrations of the vapours / mists, move to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.

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

Sensitisation

No information available.

Eye contact

May cause burns which could lead to permanent eye damage.

Skin contact

May cause burns on prolonged or repeated exposure.

Ingestion

May cause gastrointestinal irritation seen as nausea, vomiting and diarrhoea.

Inhalation

Inhalation may result in irritation or burns to the respiratory tract.

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

Notes to physician

Treat symptomatically. May cause burns of eyes, skin and mucous membranes.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Water spray. Foam. Carbon dioxide (CO₂). Dry powder.

5.2. Special hazards arising from the substance or mixture

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide. Sodium oxides.

Possibility of harm to the aquatic life. Avoid release into the environment. Material can create slippery conditions.

5.3. Advice for firefighters

Firefighters should wear a self-contained breathing apparatus and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area. Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

6.2. Environmental precautions

Local authorities should be advised if significant spillages cannot be contained. Avoid release of neat product into surface water and sanitary sewage system.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

Refer to sections 7, 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Training : Due to the hazardous nature of this product, training in its use is recommended. Avoid contact with skin, eyes and clothing. Avoid breathing vapours or mists. Do not eat, drink or smoke when using this product. Ensure adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure Limits

If vapours, fumes or mists are generated, their concentration in the workplace area should be kept to the lowest reasonable level. For substances.

Chemical name	European Union	The United Kingdom	France	Germany	Austria
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2-AMINOETHANOL	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Possibility of significant uptake through the skin	STEL: 3 ppm STEL: 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³ Potential for skin absorption	VME: 1 ppm VME: 2.5 mg/m ³ VLCT: 3 ppm VLCT: 7.6 mg/m ³ Peau	AGW: 0.2 ppm AGW: 0.5 mg/m ³ Spitzenbegr.: 0.2 ppm Spitzenbegr.: 0.51 mg/m ³ MAK: 0.2 ppm MAK: 0.51 mg/m ³ Bem.: DFG, Y Sh hautresorptiv Summe aus Dampf und Aerosolen	STEL: 3 ppm STEL: 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³
ISOPROPYL ALCOHOL		STEL: 500 ppm STEL: 1250 mg/m ³ TWA: 400 ppm TWA: 999 mg/m ³	VLCT: 400 ppm VLCT: 980 mg/m ³	AGW: 200 ppm AGW: 500 mg/m ³ Spitzenbegr.: 400 ppm Spitzenbegr.: 1000 mg/m ³ MAK: 200 ppm MAK: 500 mg/m ³ BGW: 25 mg/L Bem.: DFG, Y	STEL: 800 ppm STEL: 2000 mg/m ³ TWA: 200 ppm TWA: 500 mg/m ³

Chemical name	Spain	Portugal	Italy	The Netherlands	Switzerland
2-AMINOETHANOL	Skin STEL: 3 ppm STEL: 7.5 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³	STEL: 3 ppm STEL: 7.6 mg/m ³ TWA: 1 ppm TWA: 2.5 mg/m ³ Skin	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Skin	Skin STEL: 7.6 mg/m ³ TWA: 2.5 mg/m ³	STEL: 4 ppm STEL: 10 mg/m ³ TWA: 2 ppm TWA: 5 mg/m ³
ISOPROPYL ALCOHOL	STEL: 400 ppm STEL: 1000 mg/m ³ TWA: 200 ppm TWA: 500 mg/m ³	STEL: 400 ppm TWA: 200 ppm			STEL: 400 ppm STEL: 1000 mg/m ³ TWA: 200 ppm TWA: 500 mg/m ³

Chemical name	Denmark	Finland	Norway	Sweden	Czech
2-AMINOETHANOL	TWA: 1 ppm TWA: 2.5 mg/m ³ Hud	HTP (8h): 1 ppm HTP (8h): 2.5 mg/m ³ HTP (15min): 3 ppm HTP (15min): 7.6 mg/m ³ Iho	TWA: 1 ppm TWA: 2.5 mg/m ³ Hud	NGV : 1 ppm 2.5 mg/m ³ KGV : 3 ppm 7.5 mg/m ³	PEL: 2.5mg/m ³ NPK-P: 7.5mg/m ³
POTASSIUM CARBONATE					PEL: 5mg/m ³ NPK-P: 10mg/m ³
ISOPROPYL ALCOHOL	TWA: 200 ppm TWA: 490 mg/m ³	HTP (8h): 200 ppm HTP (8h): 500 mg/m ³ HTP (15min): 250 ppm HTP (15min): 620 mg/m ³	TWA: 100 ppm TWA: 245 mg/m ³	NGV: 150 ppm NGV: 350 mg/m ³ KGV: 250 ppm KGV: 600 mg/m ³	PEL: 500mg/m ³ NPK-P: 1000mg/m ³

Chemical name	Poland	Ireland
2-AMINOETHANOL	NDSCh: 7.5 mg/m ³ NDS: 2.5 mg/m ³	TWA: 1 ppm TWA: 2.5 mg/m ³ STEL: 3 ppm STEL: 7.6 mg/m ³ Skin
ISOPROPYL ALCOHOL	NDSCh: 1200 mg/m ³ NDS: 900 mg/m ³	TWA: 200 ppm STEL: 400 ppm Skin

DNEL (Derived No-Effect Level)

Chemical name	EU - REACH (1907/2006) - DNEL	EU - REACH (1907/2006) - DNEL	EU - REACH (1907/2006) - DNEL	EU - REACH (1907/2006) - DNEL
2-AMINOETHANOL	general population general population workers workers general population general population workers	inhalation inhalation inhalation inhalation dermal oral dermal	long term exposure - systemic effects long term exposure - local effects long term exposure - local effects long term exposure - systemic effects long term exposure - systemic effects long term exposure - systemic effects long term exposure - systemic effects	0.18 mg/m ³ 0.28 mg/m ³ 0.51 mg/m ³ 1 mg/m ³ 1.5 mg/kg bw/day 1.5 mg/kg bw/day 3 mg/kg bw/day
FATTY ALCOHOL	general population	oral	long term exposure - systemic effects	25 mg/kg bw/day

POLYGLYCOLETHER	general population	inhalation	long term exposure - systemic effects	87 mg/m ³
	workers	inhalation	long term exposure - systemic effects	294 mg/m ³
	general population	dermal	long term exposure - systemic effects	1250 mg/kg bw/day
	workers	dermal	long term exposure - systemic effects	2080 mg/kg bw/day
ISOPROPYL ALCOHOL	general population	oral	long term exposure - systemic effects	26 mg/kg bw/day
	general population	inhalation	long term exposure - systemic effects	89 mg/m ³
	general population	dermal	long term exposure - systemic effects	319 mg/kg bw/day
	workers	inhalation	long term exposure - systemic effects	500 mg/m ³
	workers	dermal	long term exposure - systemic effects	888 mg/kg bw/day

PNEC (Predicted No-Effect Concentration)

Chemical name	EU - REACH (1907/2006) - PNEC	EU - REACH (1907/2006) - PNEC
2-AMINOETHANOL	freshwater	0.07 mg/L
	marine water	0.007 mg/L
	freshwater (intermittent releases)	0.028 mg/L
	sediment (freshwater)	0.357 mg/kg sediment dw
	sediment (marine water)	0.0357 mg/kg sediment dw
	sewage treatment	100 mg/L
	soil	1.29 mg/kg soil dw
DIDECYLDIMETHYLAMMONIUM CHLORIDE	freshwater	1.1 µg/L
	marine water	0.11 µg/L
	freshwater (intermittent releases)	0.21 µg/L
	marine water (intermittent releases)	0.021 µg/L
	sediment (freshwater)	61.86 mg/kg sediment dw
	sediment (marine water)	6.186 mg/kg sediment dw
	sewage treatment	0.14 mg/L
	soil	1.4 mg/kg soil dw
FATTY ALCOHOL POLYGLYCOLETHER	freshwater	0.002845 mg/L
	marine water	0.002845 mg/L
	freshwater (intermittent releases)	0.1 mg/L
	sediment (freshwater)	68.3 mg/kg sediment dw
	sediment (marine water)	68.3 mg/kg sediment dw
	sewage treatment	1.4 mg/L
	soil	1 mg/kg soil dw
ISOPROPYL ALCOHOL	freshwater	140.9 mg/L
	marine water	140.9 mg/L
	freshwater (intermittent releases)	140.9 mg/L
	food chain	160 mg/kg food
	sediment (freshwater)	552 mg/kg sediment dw
	sediment (marine water)	552 mg/kg sediment dw
	sewage treatment	2251 mg/L
	soil	28 mg/kg soil dw

8.2. Exposure controls

Control parameters

Provide an eyewash station. Provide washing facilities.

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Use personal protection equipment as per Regulation (EU) 2016/425.

Respiratory Protection

When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Conforming to EN 14387 ABEK filters.

Hand Protection

Wear suitable protective gloves conforming to EN 374. Type of gloves suggested :. Short term use eg occasional contact or splash protection ;. Nitrile rubber (0.4 mm). Long term use eg continuous wear or immersion ;. Solvent-resistant gloves (butyl-rubber). Fluorinated rubber. Breakthrough time of the glove material (protective index 6, breakthrough time: >480 min). For break through times, refer to glove manufacturer's recommendations.

Skin Protection

Body protection must be chosen based on activity and possible exposure, e.g. footwear (solid shoes, rubber boots), rubber apron, long-sleeved work clothing, impervious suit.

Eye Protection

Safety glasses with side-shields. Approved to EN 166. For large volumes, faceshields should be used.

General Hygiene Considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Environmental exposure controls

Local authorities should be advised if significant spillages cannot be contained.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Information below relates to typical values and does not constitute a specification.

Appearance	Light yellow
Odour	Slightly Soapy
Physical state	Liquid
pH	12.9
Flash Point	> 65 °C
Specific gravity	1.06
Viscosity	30 cSt @ 20°C
Solubility	Soluble in water
Autoignition Temperature	Not combustible
Boiling Point/Range	100 °C
Melting Point/Range	-5 °C
Flammability Limits in Air %	Not applicable
Evaporation Rate	No information available
Vapour pressure	No information available
Relative vapour density	No information available
Explosive properties	No information available
Oxidising Properties	No information available
VOC content	10.0 %

9.2. Other information

No other information available

SECTION 10. STABILITY AND REACTIVITY**10.1. Reactivity**

Not considered as highly reactive. See further information below.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

The mixture itself will not dangerously react or polymerise to create hazardous conditions in normal use.

10.4. Conditions to avoid

No conditions to be specially mentioned.

10.5. Incompatible materials

Strong oxidising agents. Acids.

10.6. Hazardous decomposition products

None under normal storage conditions and use.

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide. Sodium oxides.

SECTION 11. TOXICOLOGICAL INFORMATION**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**Product Information

The product itself has not been tested.

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
2-AMINOETHANOL	= 1720 mg/kg (Rat)	= 1000 mg/kg (Rabbit)	> 1.3 mg/L (Rat) 6 h
DIDECYLDIMETHYLAMMONIUM CHLORIDE	= 238 mg/kg (Rat)	= 3342 mg/kg (Rabbit)	> 5.9 mg/L (Rat) 4 h
POTASSIUM CARBONATE	= 1870 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 4.96 mg/L (Rat) 4.5 h
FATTY ALCOHOL POLYGLYCOLETHER	= 1260 mg/kg (Rat)		
ISOPROPYL ALCOHOL	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	> 10000 ppm (Rat) 6 h

Sensitisation

No information available.

Skin contact

May cause burns on prolonged or repeated exposure.

Inhalation

Inhalation may result in irritation or burns to the respiratory tract.

Ingestion

May cause gastrointestinal irritation seen as nausea, vomiting and diarrhoea.

Eye contact

May cause burns which could lead to permanent eye damage.

Carcinogenicity

There are no known carcinogenic substances in this product.

Mutagenic Effects

There are no known mutagenic substances in this product.

Reproductive Effects

There are no known substances in this product with effects on reproduction.

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

11.2 Information on Other Hazards

The product does not contain substances that have been identified as an endocrine disruptor

SECTION 12. ECOLOGICAL INFORMATION**12.1. Toxicity**Product Information

The product itself has not been tested.

Ecotoxicity effects

Contains substance(s) known to be hazardous to the aquatic environment. pH values above 10.5 may be fatal to fish and other aquatic organisms.

Chemical name	Toxicity to Fish	Crustacea	Toxicity to Algae
2-AMINOETHANOL	LC50 114 - 196 mg/L Oncorhynchus mykiss 96 h LC50 300 - 1000 mg/L Lepomis macrochirus 96 h LC50 = 227 mg/L Pimephales promelas 96 h LC50 = 3684 mg/L Brachydanio rerio 96 h LC50 > 200 mg/L Oncorhynchus mykiss 96 h	65: 48 h Daphnia magna mg/L EC50	EC50 = 15 mg/L Desmodesmus subspicatus 72 h
DIDECYLDIMETHYLAMMONIUM CHLORIDE	LC50 = 0.19 mg/L Fathead minnow 96 h	= 0.062 mg/L 48 h	EC50 = 0.026 mg/L Desmodesmus subspicatus 72 h
POTASSIUM CARBONATE		630: 48 h Ceriodaphnia dubia mg/L LC50	
ISOPROPYL ALCOHOL	LC50 = 11130 mg/L Pimephales promelas 96 h LC50 = 9640 mg/L Pimephales promelas 96 h LC50 > 1400000 µg/L Lepomis macrochirus 96 h	= 13299 mg/L 48 h	EC50 > 1000 mg/L Desmodesmus subspicatus 72 h EC50 > 1000 mg/L Desmodesmus subspicatus 96 h

12.2. Persistence and degradability

Ecotoxicological properties are substance specific, i.e. bioaccumulation, persistence and degradability. The information is given, where available and appropriate, for substance(s) of the mixture. 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

Not likely to bioaccumulate. Component information below.

Chemical name	Partition coefficient
2-AMINOETHANOL	-1.91
ISOPROPYL ALCOHOL	0.05

12.4. Mobility in soil

Soluble in water.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

12.6 Endocrine disrupting properties

The product does not contain substances that have been identified as an endocrine disruptor

12.7 Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**Waste from Residues / Unused Products

Dispose of in accordance with local regulations. Should not be released into the environment.

Contaminated Packaging

Empty remaining contents. Rinse with water. Prevent product from entering drains. Empty containers should be taken for local recycling, recovery or waste disposal.

EWC waste disposal No

The following EWC/ AVV waste codes may be applicable:

07 06 01* aqueous washing liquids and mother liquors

Other Information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific

SECTION 14. TRANSPORT INFORMATION**14.1, 14.2, 14.3, 14.4.**

IMDG/IMO

UN number or ID number	UN1903
Proper Shipping Name	Disinfectant, liquid corrosive, n.o.s.
Transport hazard class(es)	8
Packing group	II
EmS-No	F-A, S-B

ADR / RID

UN number or ID number	UN1903
Transport hazard class(es)	8
Packing group	II
Classification code	C9
Limited Quantity	1 L
Transport Cat. (Tunnel Restriction Code)	2 (E)

IATA/ICAO

UN number or ID number	UN1903
Transport hazard class(es)	8
Packing group	II
ERG Code	8L

14.5. Environmental hazards

The mixture is environmentally hazardous for transport

Product is a marine pollutant according to the criteria set by IMDG/IMO

14.6. Special precautions for user

No special precautions.

14.7 Maritime transport in bulk according to IMO instruments

Packaged product, not typically transported in IBC's

Additional information

The above information is based on latest transport regulations i.e. ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

SECTION 15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This mixture was classified in compliance with EC Regulation 1272/2008 (CLP) and its adaptations.

This is a detergent product and complies with the Detergent Regulation (EC) No.648/2004. This product is for use as a biocide.

Labelling for contents (REGULATION (EC) No 648/2004 - 907/2006):

5 - 15% non-ionic surfactants, disinfectants

Biocide Labelling (Regulations 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007, 528/2012 - Directive 98/8/EC)

Active ingredient(s): DIDECYLDIMETHYLAMMONIUM CHLORIDE 69.0 g/Kg Product Type: PT 02 PT 03 PT 04

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this mixture by the supplier

SECTION 16. OTHER INFORMATION**Text of H statements mentioned in Section 3**

H225 - Highly flammable liquid and vapour. H302 - Harmful if swallowed. H312 - Harmful in contact with skin. H314 - Causes severe skin burns and eye damage. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H332 - Harmful if inhaled. H335 - May cause respiratory irritation. H336 - May cause drowsiness or dizziness. H400 - Very toxic to aquatic life. H411 - Toxic to aquatic life with long lasting effects.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Calculation method. H314 - Causes severe skin burns and eye damage. Summation method. H400 - Very toxic to aquatic life. H412 - Harmful to aquatic life with long lasting effects.

Prepared By Austen Pimm

Creation Date 30/11/2016

Revision date 29/12/2023

Revision summary

CLP update. SDS sections updated 3 16 8

Abbreviations

REACH: Registration Evaluation Authorisation Restriction of Chemicals

EU: European Union

EC: European community

EEC: European Economic Community

UN: United Nations

CAS: Chemical Abstracts Service

PBT: Persistent Bioaccumulative Toxic

vPvB: very Persistent very Bioaccumulative

LC50: Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

LogPow: LogP octanol/water

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe (Administrative order relating to substances hazardous to water - Germany)

WGK: Wassergefährdungsklasse (Water Hazard Class - Germany).

AVV: Abfallverzeichnis-Verordnung (Waste Code - Germany)

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European agreement governing the international carriage of dangerous goods by road)

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International carriage of Dangerous goods by rail)

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods

ERG: Emergency Response Guidebook

IUCLID / RTECS International Uniform Chemical Information Database / Registry of Toxic Effects of Chemical Substances

GHS: Globally Harmonised System of classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Chemical

w/w: weight for weight

DMSO: Dimethyl sulphoxide

OECD: Organization for Economic Cooperation and Development

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

Further Information

Component test results displayed in sections 11 and 12 are typically supplied by Chemadvisor and assembled from publicly available literature literature sources e.g. IUCLID / RTECS

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

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet