



SAFETY DATA SHEET

Caretex Professional D Emulsifier

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name	Caretex Professional D Emulsifier
Product number	7824/22495
UFI	UFI: NRNP-40UW-700K-APTE

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

Identified uses	Detergent. Cleaning agent.
-----------------	----------------------------

1.3. Details of the supplier of the safety data sheet

Supplier	Cole & Wilson Ltd Rutland Street Bradford West Yorkshire BD4 7EA T:01274 393286 F: 01274 309143 info@colewilson.co.uk
----------	--------------------------------------------------------------------------------------------------------------------------------------------

1.4. Emergency telephone number

Emergency telephone	Tel: 01274 393286, Fax: 01274 309143 (8.30am-5pm Monday to Friday)
National emergency telephone number	NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Aquatic Chronic 3 - H412

2.2. Label elements

Hazard pictograms



Signal word	Warning
Hazard statements	H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.

Caretex Professional D Emulsifier

Precautionary statements	P273 Avoid release to the environment.
	P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
	P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313 If eye irritation persists: Get medical advice/ attention.
	P501 Dispose of contents/ container in accordance with national regulations.

Detergent labelling	≥ 30% non-ionic surfactants, < 5% aliphatic hydrocarbons, < 5% optical brighteners
---------------------	------------------------------------------------------------------------------------

Supplementary precautionary statements	P264 Wash contaminated skin thoroughly after handling.
----------------------------------------	--------------------------------------------------------

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

PEG-5 C13 Oxo Alcohol	30-50%
CAS number: 69011-36-5	EC number: 931-138-8
Classification Eye Irrit. 2 - H319 Aquatic Chronic 3 - H412	
MONOPROPYLENE GLYCOL	15-30%
CAS number: 57-55-6	EC number: 200-338-0
Classification Not Classified	
ETHANOL	3-5%
CAS number: 64-17-5	EC number: 200-578-6
Classification Flam. Liq. 2 - H225 Eye Irrit. 2 - H319	
METHANOL	<1%
CAS number: 67-56-1	EC number: 200-659-6
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	Get medical attention if symptoms are severe or persist. Remove affected person from source of contamination.
---------------------	---------------------------------------------------------------------------------------------------------------

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
------------	---------------------------------------------------------------------------------------------------------------------------------------------------------

Caretex Professional D Emulsifier

Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin contact	Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop. Spray/mists may cause respiratory tract irritation.
Ingestion	May cause stomach pain or vomiting.
Skin contact	May cause skin irritation. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.
Eye contact	This product is strongly irritating.

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

Notes for the doctor	Treat symptomatically.
----------------------	------------------------

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

5.2. Special hazards arising from the substance or mixture

Specific hazards	No unusual fire or explosion hazards noted.
Hazardous combustion products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting	Dangerous for the environment if discharged into watercourses. If risk of water pollution occurs, notify appropriate authorities. 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. Firefighter's clothing will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes.
----------------------	-----------------------------------------------------------------------------------------------------------------

6.2. Environmental precautions

Environmental precautions	Harmful to aquatic life with long lasting effects. Dangerous for the environment if discharged into watercourses. Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
---------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Inform authorities if large amounts are involved.
-------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Caretex Professional D Emulsifier

6.4. Reference to other sections

Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. Avoid the formation of mists.

Advice on general occupational hygiene Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep above the chemical's freezing point to avoid rupturing the container. Store in tightly-closed, original container.

Storage class Chemical storage.

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

MONOPROPYLENE GLYCOL

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates

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

ETHANOL

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

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

PEG-5 C13 Oxo Alcohol (CAS: 69011-36-5)

DNEL

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

PNEC

Sediment (Freshwater); 0.604 mg/kg
 Soil; 0.1 mg/kg
 Sediment (Marinewater); 0.0604 mg/kg
 Fresh water; 0.074 mg/l
 Intermittent release; 0.015 mg/l
 marine water; 0.0074 mg/l
 STP; 1.4 mg/l

MONOPROPYLENE GLYCOL (CAS: 57-55-6)

Caretex Professional D Emulsifier

DNEL

Workers - Inhalation; Long term systemic effects: 168 mg/m³
 Workers - Inhalation; Long term local effects: 10 mg/m³
 General population - Inhalation; Long term systemic effects: 50 mg/m³
 General population - Inhalation; Long term local effects: 10 mg/m³
 General population - Dermal; Long term systemic effects: 213 mg/m³
 General population - Oral; Long term systemic effects: 85 mg/m³

PNEC

- Fresh water; 260 mg/l
 - marine water; 26 mg/l
 - Sediment (Freshwater); 572 mg/l
 - Sediment (Marinewater); 57.2 mg/l
 - Soil; 50 mg/kg
 - STP; 20000 mg/l
 Intermittent release; 183 mg/l

ETHANOL (CAS: 64-17-5)

DNEL

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

PNEC

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

METHANOL (CAS: 67-56-1)

DNEL

Workers - Inhalation; Long term systemic effects: 130 mg/m³
 Workers - Inhalation; Short term systemic effects: 130 mg/m³
 Workers - Inhalation; Long term local effects: 130 mg/m³
 Workers - Inhalation; Short term local effects: 130 mg/m³
 Workers - Dermal; Long term systemic effects: 20 mg/m³
 Workers - Dermal; Long term systemic effects: 20 mg/kg/day

DMEL

Workers - Dermal; Long term systemic effects: 40 mg/kg/day

PNEC

Industry - Fresh water; Long term 20.8 mg/l
 Industry - marine water; Long term 2.08 mg/l
 Industry - Intermittent release; Long term 1540 mg/l
 Industry - STP; Long term 100 mg/l
 Industry - Sediment (Freshwater); Long term 77 mg/kg
 Sediment (Marinewater); 7.7 mg/kg
 Soil; 100 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

No specific ventilation requirements.

Eye/face protection

Safety glasses with side-shields (EN 166).

Caretex Professional D Emulsifier

Hand protection	Chemical resistant PVC/Nitrilrubber gloves (to European standard EN 374 or equivalent). Thickness: 0,4 mm. Penetration time: >480 min (level 6). The selection of specific gloves for a specific application and time of use in a working area, should also take into account other factors on the working space, such as (but not limited to): other chemicals that are possibly used, physical requirements (protection against cutting/drilling, skill, thermal protection), and the instructions/specification of the supplier of gloves.
Other skin and body protection	Wear suitable protective clothing (EN14605)
Hygiene measures	Do not eat, drink or smoke when using this product.
Respiratory protection	Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Light (or pale). Yellow.
Odour	Mild (or faint).
pH	pH (concentrated solution): 6.0-8.0
Relative density	0.95-1.01 @ 20°C
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not determined.
-------------------	-----------------

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	The following materials may react with the product: Alkalis. Oxidising agents. Reducing agents.
------------	-------------------------------------------------------------------------------------------------

10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
-----------	---------------------------------------------------------------------------------------------------------------------

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No potentially hazardous reactions known.
------------------------------------	-------------------------------------------

10.4. Conditions to avoid

Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.
---------------------	-----------------------------------------------------------------------------------

10.5. Incompatible materials

Materials to avoid	Strong alkalis. Oxidising agents. Reducing agents.
--------------------	----------------------------------------------------

10.6. Hazardous decomposition products

Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
----------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	Not regarded as a health hazard under current legislation.
-----------------------	------------------------------------------------------------

Acute toxicity - oral

Notes (oral LD ₅₀)	Based on available data the classification criteria are not met.
--------------------------------	------------------------------------------------------------------

Acute toxicity - dermal

Notes (dermal LD ₅₀)	Based on available data the classification criteria are not met.
----------------------------------	------------------------------------------------------------------

Caretex Professional D Emulsifier

Acute toxicity - inhalation

Notes (inhalation LC₅₀)

Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation

May cause skin irritation.

Animal data

Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation

Causes serious eye irritation.

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.

IARC carcinogenicity

None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity - fertility

Based on available data the classification criteria are not met.

Reproductive toxicity - development

Based on available data the classification criteria are not met.

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.

Aspiration hazard

Aspiration hazard

Based on available data the classification criteria are not met.

General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

This is unlikely to occur but symptoms similar to those of ingestion may develop.

Ingestion

May cause discomfort if swallowed. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Irritating to skin. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

Eye contact

This product is strongly irritating. Symptoms following overexposure may include the following: Redness. Pain.

Acute and chronic health hazards

This product may cause skin and eye irritation. Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

Route of exposure

Skin and/or eye contact Ingestion Inhalation

Toxicological information on ingredients.

PEG-5 C13 Oxo Alcohol

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg)

5,001.0

Caretex Professional D Emulsifier

Species Rat

ATE oral (mg/kg) 5,001.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 5,001.0

Species Rat

ATE dermal (mg/kg) 5,001.0

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 50 mg/kg, Oral, Rat

MONOPROPYLENE GLYCOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 20,000.0

Species Rat

ATE oral (mg/kg) 20,000.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 20,800.0

Species Rabbit

ATE dermal (mg/kg) 20,800.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀
dust/mist mg/l) 317.042

Species Rat

ATE inhalation (dusts/mists
mg/l) 317.042

ETHANOL

Acute toxicity - oral

Acute toxicity oral (LD₅₀
mg/kg) 10,470.0

Species Rat

ATE oral (mg/kg) 10,470.0

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀
mg/kg) 15,800.0

Species Rat

ATE dermal (mg/kg) 15,800.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀
vapours mg/l) 20.0

Species Rat

Caretex Professional D Emulsifier

Bis-(triazinylamino)-stilbene disulfonic acid derivative (R0130)

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kg) 5,001.0

Species Rat

Acute toxicity - dermal

Acute toxicity dermal (LD₅₀ mg/kg) 2,001.0

Species Rabbit

ATE dermal (mg/kg) 2,001.0

METHANOL

Acute toxicity - oral

ATE oral (mg/kg) 100.0

Acute toxicity - dermal

ATE dermal (mg/kg) 300.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 3.0

Carcinogenicity

Carcinogenicity NOAEL 466 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure LOAEL 2340 mg/kg, Oral, Monkey NOAEL 1.06 mg/l, Inhalation, Rat

SECTION 12: Ecological information

Ecotoxicity Dangerous for the environment if discharged into watercourses. Harmful to aquatic life with long lasting effects.

12.1. Toxicity

Toxicity Harmful to aquatic life with long lasting effects.

Ecological information on ingredients.

PEG-5 C13 Oxo Alcohol

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >1-10 mg/l, Leuciscus idus (Golden orfe)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >1-10 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 72 hours: 1-10 mg/l, Scenedesmus subspicatus
EC₁₀, 72 hours: >0.1-1 mg/l, Skeletonema costatum

Acute toxicity - microorganisms EC₁₀, 17 hours: >2500 mg/l, Activated sludge

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, : >1 mg/l, Fish

Chronic toxicity - aquatic invertebrates NOEC, 21 days: >1 mg/l, Daphnia magna

Caretex Professional D Emulsifier

MONOPROPYLENE GLYCOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 51600 mg/l, Oncorhynchus mykiss (Rainbow trout)
LC₅₀, 96 hours: 51400 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >1000 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 96 hours: 19000 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms NOEC, 18 hours: >20000 mg/l, PSEUDOMONAS PUTIDA

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 7 days: 13020 mg/l, Ceriodaphnia Dubia (Water flea)

ETHANOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 13000 mg/l, Oncorhynchus mykiss (Rainbow trout)
LC₅₀, 48 hours: >100 mg/l, Leuciscus idus (Golden orfe)
LC₅₀, 96 hours: 14200 mg/l, Pimephales promelas (Fat-head Minnow)
LC₅₀, 96 hours: 12000-16000 mg/l, Oryzias latipes (Red killifish)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: 12340 mg/l, Daphnia magna

Acute toxicity - aquatic plants EC₅₀, 48 hours: >100 mg/l, Selenastrum capricornutum
EC₅₀, 72 hours: 275 mg/l, Chlorella vulgaris

Chronic aquatic toxicity

Chronic toxicity - aquatic invertebrates NOEC, 9 days: 9.6 mg/l, Daphnia magna

Bis-(triazinylamino)-stilbene disulfonic acid derivative (R0130)

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: >100 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >100 mg/l, Daphnia magna

Acute toxicity - aquatic plants IC₅₀, 72 hours: >100 mg/l, Algae

Acute toxicity - microorganisms EC₅₀, : >100 mg/l, Activated sludge

METHANOL

Acute aquatic toxicity

Acute toxicity - fish LC₅₀, 96 hours: 15400 mg/l, Lepomis macrochirus (Bluegill)
LC₅₀, 96 hours: >100 mg/l, Pimephales promelas (Fat-head Minnow)

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: >10000 mg/l, Daphnia magna
EC₅₀, 96 hours: 22200-23400 mg/l, Freshwater invertebrates
EC₅₀, 48 hours: 2500 mg/l, Marinewater invertebrates

Acute toxicity - aquatic plants EC₅₀, 96 hours: 22000 mg/l, Selenastrum capricornutum
EC₅₀, 96 hours: 16.912 mg/l, Marinewater algae

Acute toxicity - microorganisms IC₅₀, 15 hours: 20000 mg/l,
IC₅₀, 3 hours: >1000 mg/l,

Caretex Professional D Emulsifier

Chronic aquatic toxicity

Chronic toxicity - fish early life stage NOEC, 200 hours: 15800 mg/l, Oryzias latipes (Red killifish)

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).

Ecological information on ingredients.

PEG-5 C13 Oxo Alcohol

Biodegradation OECD 301B - Degradation >60%: 28 days
Chemical oxygen demand ~ 2438 mg/g

MONOPROPYLENE GLYCOL

Biodegradation OECD 301F - Degradation >81%: 28 days
- Degradation 96%: 64 days
Biological oxygen demand 1170 mg O₂/l
Chemical oxygen demand 4700 mg O₂/l

ETHANOL

Persistence and degradability The product is biodegradable.
Biodegradation - Degradation 84%: 20 days
Biological oxygen demand 1000 mg/g
Chemical oxygen demand 1900 mg/g

METHANOL

Persistence and degradability The product is readily biodegradable.
Biodegradation Water - Degradation 95%: 20 days
Chemical oxygen demand 1.42

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Ecological information on ingredients.

MONOPROPYLENE GLYCOL

Bioaccumulative potential BCF: < 0.09,
Partition coefficient log Pow: -1.07

ETHANOL

Partition coefficient log Pow: -0.31

METHANOL

Partition coefficient log Pow: -0.82 / -0.66

12.4. Mobility in soil

Mobility Soluble in water.

Caretex Professional D Emulsifier

Ecological information on ingredients.

MONOPROPYLENE GLYCOL

Adsorption/desorption coefficient - Koc: 2.9 @ 20°C - Log Koc: 0.46 @ 20°C

Henry's law constant 0.00566 atm m³/mol @ 12°C

ETHANOL

Henry's law constant 3.3 x 10 exp -6 atm m³/mol @ °C

Surface tension 24.5 mN/m @ 20°C

METHANOL

Mobility Soluble in water.

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.

Ecological information on ingredients.

METHANOL

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

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of in accordance with Local Authority regulations as special waste according to The Control of Special Waste Regulations 1996.

EURAL Code

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user

Caretex Professional D Emulsifier

Not applicable.

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

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

Drug Precursors Regulation (273/2004)

Danish product registration number

Danish national regulations

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IMDG: International Maritime Dangerous Goods.
CAS: Chemical Abstracts Service.
ATE: Acute Toxicity Estimate.
LC50: Lethal Concentration to 50 % of a test population.
LD50: Lethal Dose to 50% of a test population (Median Lethal Dose).
EC₅₀: 50% of maximal Effective Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Revision comments

Revision is due to change of UFI number

Revision date

04/12/2024

Revision

10

Supersedes date

17/07/2023

SDS number

7824/22495

Hazard statements in full

H225 Highly flammable liquid and vapour.
H301 Toxic if swallowed.
H311 Toxic in contact with skin.
H319 Causes serious eye irritation.
H331 Toxic if inhaled.
H370 Causes damage to organs .
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.