

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Degreaser Wet Tixo

Product no.

5

Unique formula identifier (UFI)

3DSV-FRCS-299Q-YD8R

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

Relevant identified uses of the substance or mixture

Degreaser

Uses advised against

No special

1.3. Details of the supplier of the safety data sheet

Company and address

Blue & Green AB

Stenorsvägen 52

261 44 Landskrona

Sweden

+46 418 399000

www.blueandgreen.se

E-mail

info@blueandgreen.se

Revision

30/03/2022

SDS Version

2.0

Date of previous version

08/12/2021 (1.0)

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

Skin Irrit. 2; H315, Causes skin irritation.

Eye Dam. 1; H318, Causes serious eye damage.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

May be fatal if swallowed and enters airways. (H304)
 Causes skin irritation. (H315)
 Causes serious eye damage. (H318)
 Harmful to aquatic life with long lasting effects. (H412)

Safety statement(s)

▼ General

Keep out of reach of children. (P102)

▼ Prevention

Wear eye protection/protective gloves/protective clothing. (P280)

Wash hands and exposed skin thoroughly after handling. (P264)

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage

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Disposal

Dispose of contents/container to an approved waste disposal plant. (P501)

Hazardous substances

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics

Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)

1-Heptanol, 2-propyl-, 5EO

2.3. Other hazards

Additional labelling

Not applicable

Additional warnings

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

SECTION 3: Composition/information on ingredients

▼ 3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	CAS No.: EC No.: 918-481-9 REACH: 01-2119457273-39 Index No.:	60-80%	EUH066 Asp. Tox. 1, H304	
Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)	CAS No.: 68155-07-7 EC No.: 931-329-6 REACH: 01-2119490100-53 Index No.:	15-25%	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 2, H411	
1-Heptanol, 2-propyl-, 5EO	CAS No.: 160875-66-1 EC No.: 605-233-7 REACH: Index No.:	5-10%	Eye Dam. 1, H318	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

2-(2-butoxyethoxy)ethanol	CAS No.: 112-34-5 EC No.: 203-961-6 REACH: 01-2119475104-44 Index No.: 603-096-00-8	5-10%	Eye Irrit. 2, H319	[1], [3]
ethanol	CAS No.: 64-17-5 EC No.: 200-578-6 REACH: 01-2119457610-43 Index No.: 603-002-00-5	3-5%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 (SCL: 50.00 %)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

▼ Other information

[1] European occupational exposure limit
[3] According to UK REACH, Annex XVII, the substance is subject to restrictions.

Labelling of contents according to Detergents Regulation (EC) No 648/2004

- ≥ 30%
 - Aliphatic hydrocarbons
- 15% - 30%
 - Non-ionic surfactants

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap.

If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses. Flush eyes with plenty of water or salt water (20-30°C) for at least 15 minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion

IF SWALLOWED: Immediately call a POISON CENTER / doctor.

Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

Burns

Not applicable

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

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

aerosols may produce adverse effects to lungs, -irritations and burns in the respiratory organs -as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂).

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities.

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 on "Disposal considerations" in regard of handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Recommended storage material

Always store in containers of the same material as the original container.

Storage temperature

Room temperature 18 to 23°C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

This product should only be used for applications quoted in section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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2-(2-butoxyethoxy)ethanol

Long term exposure limit (8 hours) (ppm): 10

Long term exposure limit (8 hours) (mg/m³): 67,5

Short term exposure limit (15 minutes) (ppm): 15

Short term exposure limit (15 minutes) (mg/m³): 101,2

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ethanol

Long term exposure limit (8 hours) (ppm): 1000

Long term exposure limit (8 hours) (mg/m³): 1920

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

▼ DNEL

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
DNEL	73,4 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
DNEL	4,16 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
DNEL	21,73 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
DNEL	2,5 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
DNEL	56,2 µg/cm ²
Route of exposure	Dermal
Duration	Short term – Systemic effects - General population

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
DNEL	6,25 mg/kg bw/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population

Product/substance	2-(2-butoxyethoxy)ethanol
DNEL	67.5 mg/m ³
Route of exposure	Inhalation

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Duration	Long term – Local effects - Workers
Product/substance	2-(2-butoxyethoxy)ethanol
DNEL	6,25 mg/kg bw/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population
Product/substance	2-(2-butoxyethoxy)ethanol
DNEL	101.2 mg/m ³
Route of exposure	Inhalation
Duration	Short term – Local effects - Workers
Product/substance	ethanol
DNEL	950 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - Workers
Product/substance	ethanol
DNEL	343 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - Workers
Product/substance	ethanol
DNEL	950 mg/m ³
Route of exposure	Inhalation
Duration	Short term – Local effects - General population
Product/substance	ethanol
DNEL	87 mg/kg bw/day
Route of exposure	Oral
Duration	Long term – Systemic effects - General population
Product/substance	ethanol
DNEL	114 mg/m ³
Route of exposure	Inhalation
Duration	Long term – Systemic effects - General population
Product/substance	ethanol
DNEL	206 mg/kg bw/day
Route of exposure	Dermal
Duration	Long term – Systemic effects - General population
Product/substance	ethanol
DNEL	1900 mg/m ³
Route of exposure	Inhalation
Duration	Short term – Local effects - Workers
▼ PNEC	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
PNEC	0.007 mg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Route of exposure	Freshwater
Duration of Exposure	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
PNEC	0.0007 mg/L
Route of exposure	Marine water
Duration of Exposure	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
PNEC	0.024 mg/L
Route of exposure	Intermittent release
Duration of Exposure	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
PNEC	0.195 mg/kg dw
Route of exposure	Freshwater sediment
Duration of Exposure	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
PNEC	0.0195 mg/kg dw
Route of exposure	Marine water sediment
Duration of Exposure	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
PNEC	830 mg/L
Route of exposure	Sewage treatment plant
Duration of Exposure	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
PNEC	0.0348 mg/kg dw
Route of exposure	Soil
Duration of Exposure	
Product/substance	2-(2-butoxyethoxy)ethanol
PNEC	0.44 mg/kg dw
Route of exposure	Marine water sediment
Duration of Exposure	
Product/substance	2-(2-butoxyethoxy)ethanol
PNEC	4.4 mg/kg dw
Route of exposure	Freshwater sediment
Duration of Exposure	
Product/substance	2-(2-butoxyethoxy)ethanol
PNEC	1.1 mg/L
Route of exposure	Freshwater
Duration of Exposure	
Product/substance	2-(2-butoxyethoxy)ethanol
PNEC	0.11 mg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Route of exposure	Marine water
Duration of Exposure	
Product/substance	2-(2-butoxyethoxy)ethanol
PNEC	11 mg/L
Route of exposure	Intermittent release
Duration of Exposure	
Product/substance	2-(2-butoxyethoxy)ethanol
PNEC	0.32 mg/kg dw
Route of exposure	Soil
Duration of Exposure	
Product/substance	ethanol
PNEC	0.96 mg/L
Route of exposure	Freshwater
Duration of Exposure	
Product/substance	ethanol
PNEC	0.79 mg/L
Route of exposure	Marine water
Duration of Exposure	
Product/substance	ethanol
PNEC	2.75 mg/L
Route of exposure	Intermittent release
Duration of Exposure	
Product/substance	ethanol
PNEC	3.6 mg/kg dw
Route of exposure	Freshwater sediment
Duration of Exposure	
Product/substance	ethanol
PNEC	0.63 mg/kg dw
Route of exposure	Soil
Duration of Exposure	
Product/substance	ethanol
PNEC	2.9 mg/kg dw
Route of exposure	Marine water sediment
Duration of Exposure	
Product/substance	ethanol
PNEC	580 mg/L
Route of exposure	Sewage treatment plant
Duration of Exposure	

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

Measures to avoid environmental exposure

Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally


Use only CE marked protective equipment.

▼ Respiratory Equipment

Type	Class	Colour	Standards
No specific requirements			


Skin protection

Recommended	Type/Category	Standards
Dedicated work clothing should be worn	-	-




Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Butyl	-	> 480	EN374-2, EN374-3, EN388



Eye protection

Type	Standards
Safety glasses with side shields.	EN166



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Blue

Odour / Odour threshold

Solvent

pH

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Not applicable

Density (g/cm³)

0.82

Kinematic viscosity

Testing not relevant or not possible due to nature of the product.

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to nature of the product.

Vapour pressure

Testing not relevant or not possible due to nature of the product.

Relative vapour density

Testing not relevant or not possible due to nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to nature of the product.

Data on fire and explosion hazards

▼ Flash point (°C)

70

Ignition (°C)

Testing not relevant or not possible due to nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to nature of the product.

Solubility

Solubility in water

Testing not relevant or not possible due to nature of the product.

n-octanol/water coefficient

Testing not relevant or not possible due to nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

9.2. Other information

Other physical and chemical parameters

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

No special

10.4. Conditions to avoid

No special

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

SECTION 11: Toxicological information

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

▼ Acute toxicity

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>5000 mg/kg
Other information	

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50 (4 hours)
Result	4,951 mg/L
Other information	

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>5000 mg/kgbw
Other information	

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kgbw
Other information	

Product/substance	1-Heptanol, 2-propyl-, 5EO
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>2000 mg/kg
Other information	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	2764 mg/kg
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	>29 ppm
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Mouse
Route of exposure	Oral
Test	LD50
Result	2410 mg/kg
Other information	

Product/substance	ethanol
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	10470 mg/kg
Other information	

Product/substance	ethanol
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50 (4 hours)
Result	51 mg/L
Other information	

Product/substance	ethanol
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	

Skin corrosion/irritation

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	OECD 404
Species	Rabbit
Duration	
Result	No adverse effect observed (Not irritating)
Other information	

Causes skin irritation.

Serious eye damage/irritation

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	OECD 404
Species	Rabbit
Duration	
Result	Adverse effect observed (Irritating)
Other information	

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	OECD 406
Species	Guinea pig
Result	No adverse effect observed (not sensitising)
Other information	

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

May be fatal if swallowed and enters airways.

11.2. Information on other hazards

Long term effects

This product contains substances, which may cause irritation upon exposure to skin, eyes or lungs. Exposure may result in an increased absorption potential of other hazardous substances at the area of exposure.

Endocrine disrupting properties

No special

Other information

ethanol has been classified by IARC as a group 1 carcinogen.

SECTION 12: Ecological information

▼ 12.1. Toxicity

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
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According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Test method	
Species	Fish, <i>Oncorhynchus mykiss</i>
Compartment	
Duration	96 hours
Test	LL0
Result	>1000 mg/l mg/L
Other information	
Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Test method	
Species	Algae, <i>Pseudokirchneriella subcapitata</i>
Compartment	
Duration	72 hours
Test	ELO
Result	>1000 mg/L
Other information	
Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	72 hours
Test	ELO
Result	>1000 mg/L
Other information	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Test method	
Species	Fish, <i>Oncorhynchus mykiss</i>
Compartment	
Duration	96 hours
Test	LC50
Result	1-10 mg/L
Other information	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	48 hours
Test	EC50
Result	1-10 mg/L
Other information	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Test method	
Species	Algae, <i>Scenedesmus subspicatus</i>
Compartment	
Duration	72 hours
Test	EC50
Result	1-10 mg/L

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Other information	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Test method	
Species	Fish, <i>Oncorhynchus mykiss</i>
Compartment	
Duration	28 days
Test	NOEC
Result	0,32 mg/L
Other information	
Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	21 days
Test	NOEC
Result	0,07 mg/L
Other information	
Product/substance	1-Heptanol, 2-propyl-, 5EO
Test method	
Species	Fish, <i>Oncorhynchus mykiss</i>
Compartment	
Duration	96 hours
Test	LC50
Result	10-100 mg/L
Other information	
Product/substance	1-Heptanol, 2-propyl-, 5EO
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	48 hours
Test	EC50
Result	10-100 mg/L
Other information	
Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Fish, <i>Leuciscus idus</i>
Compartment	
Duration	96 hours
Test	LC50
Result	>100 mg/L
Other information	
Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Algae, <i>Scenedesmus subspicatus</i>
Compartment	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Duration	96 hours
Test	EC50
Result	>100 mg/L
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Species	Daphnia, Daphnia magna
Compartment	
Duration	48 hours
Test	EC50
Result	>100 mg/L
Other information	

Product/substance	ethanol
Test method	
Species	Fish, Oncorhynchus mykiss
Compartment	
Duration	96 hours
Test	LC50
Result	13000 mg/L
Other information	

Product/substance	ethanol
Test method	
Species	Daphnia, Daphnia magna
Compartment	
Duration	48 hours
Test	EC50
Result	12340 mg/L
Other information	

Product/substance	ethanol
Test method	
Species	Algae, Chlorella vulgaris
Compartment	
Duration	72 hours
Test	EC50
Result	275 mg/L
Other information	

12.2. Persistence and degradability

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Biodegradable	Yes
Test method	
Result	

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Biodegradable	Yes
Test method	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Result

Product/substance	1-Heptanol, 2-propyl-, 5EO
Biodegradable	Yes
Test method	OECD 301 D
Result	

Product/substance	2-(2-butoxyethoxy)ethanol
Biodegradable	Yes
Test method	OECD 301 E
Result	100%

Product/substance	ethanol
Biodegradable	Yes
Test method	OECD 301 B
Result	97%

12.3. Bioaccumulative potential

Product/substance	Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

Product/substance	Amides, C8-18 and C18-unsatd., N,N-bis(hydroxyethyl)
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

Product/substance	1-Heptanol, 2-propyl-, 5EO
Test method	
Potential bioaccumulation	No
LogPow	No data available
BCF	No data available
Other information	

Product/substance	2-(2-butoxyethoxy)ethanol
Test method	
Potential bioaccumulation	No
LogPow	1.0000
BCF	No data available
Other information	

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

Product/substance	ethanol
Test method	
Potential bioaccumulation	No
LogPow	-0.31
BCF	0.66
Other information	

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties

No special

▼ 12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: Disposal considerations

▼ 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 4 - Irritant (skin irritation and eye damage)

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

07 06 04* Other organic solvents, washing liquids and mother liquors

Specific labelling

Not applicable

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

▼ Additional information

Not dangerous goods according to ADR, IATA and IMDG.

14.6. Special precautions for user

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

No data available

SECTION 15: Regulatory information

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

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

No special

Demands for specific education

No specific requirements

SEVESO - Categories / dangerous substances

Not applicable

Additional information

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.

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.

▼ Sources

The Management of Health and Safety at Work Regulations 1999

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

CLP Regulation (EC) No 1272/2008, as retained and amended in UK law.

EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758

15.2. Chemical safety assessment

No

SECTION 16: Other information

▼ Full text of H-phrases as mentioned in section 3

,
EUH066, Repeated exposure may cause skin dryness or cracking.

H225, Highly flammable liquid and vapour.

H304, May be fatal if swallowed and enters airways.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H411, Toxic to aquatic life with long lasting effects.

▼ Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IARC = International Agency for Research on Cancer (IARC)

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

According to EC-Regulation 1907/2006 (REACH), annex II, including changes implemented by EC-Regulation 2020/878

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = A specific concentration limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time weighted average

UN = United Nations

UVCB = Complex hydrocarbon substance

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

▼ Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the substance/mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP)

▼ The safety data sheet is validated by

Åsa Möller

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en