

SAFETY DATA SHEET



Product name: Superrens Neutral
Supersedes date: 2019-12-17
Product No.: I6484

Page: 1/12
Last revised date: 2021-05-31
SDS-ID: EU-EN/4.0

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

1.1. Product identifier

Product name: Superrens Neutral

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

Application: Degreasing agent for industrial use.

1.3. Details of the supplier of the safety data sheet

Supplier: YX Smørelolie A/S
Buddingevej 195
DK-2860 Søborg
Tel:+45 7011 5678
teknik@yxlube.dk
<https://yxlube.dk/>

Supplier: YX Smøreløje AS
Lysaker Torg 35
NO-1366 Lysaker
Tel:+47 04210
olje@yx.no
<https://olje.yx.no>

Responsible for safety data sheet authoring: teknik@yxlube.dk

1.4. Emergency telephone number

Emergency telephone: National Poison Control Centres are available in Member Countries.

SAFETY DATA SHEET

Product name:	Superrrens Neutral	Page:	2/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP: Eye Dam. 1;H318

2.2. Label elements



Danger

Contains:

Pentasodium triphosphate
C9-11 Alcoholethoxylate
Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride

H318 Causes serious eye damage.

P280 Wear eye and 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.

P310 Immediately call a POISON CENTER/doctor.

Detergent Labelling:

The product contains: 5% or over but less than 15%: phosphates. Less than 5%: cationic surfactants, non-ionic surfactants.

2.3. Other hazards

PBT/vPvB: This product does not contain any PBT or vPvB substances.

Other: Not classified as dangerous to the environment. However, the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

SAFETY DATA SHEET

Product name:	Superrrens Neutral	Page:	3/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

CLP:

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>REACH Reg. No:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>	<u>Notes:</u>
5-<10	7758-29-4	231-838-7	-	Pentasodium triphosphate	Skin Irrit. 2;H315 Eye Dam. 1;H318	
1-<2,5	68439-46-3		-	C9-11 Alcoholethoxylate	Eye Dam. 1;H318	
1-<2,5	112-34-5	203-961-6	-	Diethylene glycol monobutyl ether	Eye Irrit. 2;H319	
1-<2,5	863679-20-3		-	Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride	Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318	

References: The full text for all hazard statements is displayed in section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation: Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

Skin contact: Remove contaminated clothing immediately and rinse skin with rinsing cream. After this, apply a fatty cream. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water. Remove any contact lenses and open eyelids widely. Call an ambulance. Continue flushing during transport to hospital. Bring along these instructions.

Ingestion: Immediately rinse mouth and drink 1-2 glasses of water. Keep person under observation. If uncomfortable: Transportation to hospital. Bring along these instructions.

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

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

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

Medical attention/treatments: Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards: During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Protective equipment for fire-fighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SAFETY DATA SHEET

Product name:	Superrrens Neutral	Page:	4/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid inhalation of vapours and aerosols and contact with skin and eyes. Follow precautions for safe handling described in this safety data sheet.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains, water courses or onto the ground. Avoid discharge into water courses or onto the ground.

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. Absorb spillage and wash contaminated area with water.

6.4. Reference to other sections

References: For personal protection, see section 8.
For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling advice: Avoid contact with skin and eyes. Observe good chemical hygiene practices.

Technical measures: An eye wash bottle must be available at the work site. Keep the workplace clean.

Technical precautions: Mechanical ventilation may be required.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures for safe storage: No special precautions.

Storage conditions: Store in tightly closed original container. Containers, which are opened, must be carefully resealed and kept upright to prevent leakage.
The product must be stored frost-free.

7.3. Specific end use(s)

Specific use(s): Not relevant.

SAFETY DATA SHEET

Product name:	Superrrens Neutral	Page:	5/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits:

<u>CAS-No.:</u>	<u>Chemical name:</u>	<u>As:</u>	<u>Exposure limits:</u>		<u>Type:</u>	<u>Notes:</u>	<u>References:</u>
112-34-5	2-(2-Butoxyethoxy)ethanol	-	10 ppm	67.5 mg/m ³	-	-	EC
		-	15 ppm	101.2 mg/m ³	-	15min	

Notes: EC: Commission Directives 2009/148/EC, 2004/37/EC, 2000/39/EC and 91/322/EEC, with amendments.

DNEL/PNEC: Diethylene glycol monobutyl ether:
DNEL long-term dermal (systemic, workers): 20 mg/kg week/day
DNEL long-term inhalative (systemic, workers): 10 ppm
DNEL short-term inhalative (local, workers): 14 ppm
DNEL short-term inhalative (local, workers): 10 ppm
PNEC, Fresh Water: 1 mg/l
PNEC, Sea water: 0,1 mg/l
PNEC, Fresh water sediment: 4 mg/l
PNEC, Marine sediments: 0,4 mg/l
PNEC sewage treatment plant: 200 mg/l
PNEC, Soil: 0,4 mg/l

8.2. Exposure controls

Engineering measures: Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. Provide access to washing facilities incl. soap, skin cleanser and fatty cream. An eye wash bottle must be available at the work site.

Personal protection: Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: Respiratory protection not required.

Hand protection: No specific hand protection noted, but gloves may still be advisable.

Eye protection: Risk of splashes: Wear goggles/face shield.

Skin protection: Wear apron or protective clothing in case of splashes.

Hygiene measures: Wash hands after handling. Wash contaminated clothing before reuse. Avoid eating, drinking and smoking when using the product.

Environmental Exposure Controls: Not available.

SAFETY DATA SHEET

Product name:	Superrrens Neutral	Page:	6/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Form:</u>	Liquid.
<u>Colour:</u>	Green.
<u>Odour:</u>	Characteristic.
<u>Odour threshold:</u>	Not available.
<u>pH:</u>	8,9
<u>Melting point / freezing point:</u>	Not available.
<u>Boiling point:</u>	Not available.
<u>Flash point:</u>	Not available.
<u>Evaporation rate:</u>	Not available.
<u>Flammability (solid, gas):</u>	No data available.
<u>Explosion limits:</u>	Not available.
<u>Vapour pressure:</u>	Not available.
<u>Vapour density:</u>	Not available.
<u>Relative density:</u>	1,07 g/cm ³
<u>Solubility:</u>	soluble in water.
<u>Partition coefficient (n-octanol/water):</u>	Not available.
<u>Auto-ignition temperature (°C):</u>	Not available.
<u>Decomposition temperature (°C):</u>	Not available.
<u>Viscosity:</u>	Not available.
<u>Oxidising properties:</u>	Not available.
<u>9.2. Other information</u>	
<u>Other data:</u>	Not available.

SAFETY DATA SHEET

Product name:	Superrens Neutral	Page:	7/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: None known.

10.2. Chemical stability

Stability: Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Hazardous Reactions: None known.

10.4. Conditions to avoid

Conditions/materials to avoid: Avoid heat.

10.5. Incompatible materials

Incompatible materials: Strong oxidizing and reducing substances. Strong acids and strong bases.

10.6. Hazardous decomposition products

Hazardous decomposition products: None under normal conditions.

SAFETY DATA SHEET

Product name:	Superrens Neutral	Page:	8/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity (Oral): Based on available data, the classification criteria are not met.

Acute Toxicity (Dermal): Based on available data, the classification criteria are not met.

Acute Toxicity (Inhalation): Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Causes serious eye damage.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

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

Inhalation: Aerosols may irritate.

Skin contact: Irritating and degreasing to skin. Prolonged contact may cause dryness of the skin.

Eye contact: Causes serious eye damage.

Ingestion: May irritate and cause malaise.

Specific effects: None known.

Toxicological data:

Diethylene glycol monobutyl ether:
LD50 (oral, rat): >2000 mg/kg

C9-11 Alcoholethoxylate:
LD50 (oral, rat): >5000 mg/kg
LD50 (dermal, rat): >2000 mg/l

Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride:
LD50 (oral, rat): >300-2000 mg/kg

Pentasodium triphosphate:
LD50 (oral, rat): >2000 mg/kg
LD50 (oral, rabbit): >4640 mg/kg

11.2. Information on other hazards

Endocrine disrupting properties: The product contains no substances identified as having endocrine disrupting properties in humans.

SAFETY DATA SHEET

Product name:	Superrens Neutral	Page:	9/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity:

Pentasodium triphosphate:
EC50 (Daphnia): >100 mg/l (48 h)

Diethylene glycol monobutyl ether:
LC50 (Fish): >100 mg/l
EC50 (Algea/72 h): >100 mg/l

C9-11 Alcoholethoxylate:
LC50 (Fish): 1-10 mg/l (96h)

Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride:
LC50 (Fish): 10-100 mg/l (96h)
EC50 (Algea/72 h):1-10 mg/l
EC50 (Daphnia, 48 h):1-10 mg/l

12.2. Persistence and degradability

Degradability: The product is biodegradable.

Diethylene glycol monobutyl ether:76%
C9-11 Alcoholethoxylate: >60% (BOD)
Quaternary C12-14 alkyl methyl amine ethoxylate methyl chloride: >60% (BOD, 28 d)

12.3. Bioaccumulative potential

Bioaccumulative potential: Not expected.

Diethylene glycol monobutyl ether: LogPow: 0,56

12.4. Mobility in soil

Mobility: This product contains substances, which are expected to have high mobility in soil.

Diethylene glycol monobutyl ether: log Koc: 0,521864 (calculated)

12.5. Results of PBT and vPvB assessment

PBT/vPvB: This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

Endocrine disrupting properties: The product contains no substances identified as having endocrine disrupting properties in aquatic organisms.

12.7. Other adverse effects

Other adverse effects: None known.

SAFETY DATA SHEET

Product name:	Superrens Neutral	Page:	10/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

Waste from residues: Spillage and residues that cannot or may not be reused/disposed of at the site must be disposed of according to local waste regulations.
EWC-code: 20 01 16

Contaminated packaging: EWC-code: 20 01 16 or 15 01 10

SECTION 14: TRANSPORT INFORMATION

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

14.1. UN number

UN-No: -

14.2. UN proper shipping name

Proper Shipping Name: -

14.3. Transport hazard class(es)

Class: -

14.4. Packing group

PG: -

14.5. Environmental hazards

Marine pollutant: -

Environmentally Hazardous substance: -

14.6. Special precautions for user

Special precautions: None known.

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

Transport in bulk: Not relevant.

SAFETY DATA SHEET

Product name:	Superrens Neutral	Page:	11/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 15: REGULATORY INFORMATION

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

Special provisions: Detergent Labelling:
The product contains: 5% or over but less than 15%: phosphates. Less than 5%: cationic surfactants, non-ionic surfactants.

National regulation: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, with amendments.
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.
Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents, with amendments.
Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work, with amendments.
Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, with amendments.
Commission Directive 91/322/EEC of 29 May 1991 on establishing indicative limit values by implementing Council Directive 80/1107/EEC on the protection of workers from the risks related to exposure to chemical, physical and biological agents at work, with amendments.
Directive 2004/37/EC of the European Parliament and of the Council of 29 April 2004 on the protection of workers from the risks related to exposure to carcinogens or mutagens at work, with amendments.
Directive 2009/148/EC of the European Parliament and of the Council of 30 November 2009 on the protection of workers from the risks related to exposure to asbestos at work, with amendments.
Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, with amendments.
2014/955/EC: Commission Decision of 18 December 2014 amending Decision 2000/532/EC as regards the list of wastes.

15.2. Chemical Safety Assessment

CSA status: No chemical safety assessment has been carried out.

SAFETY DATA SHEET

Product name:	Superrrens Neutral	Page:	12/12
Supersedes date:	2019-12-17	Last revised date:	2021-05-31
Product No.:	I6484	SDS-ID:	EU-EN/4.0

SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 1, 4, 5, 6, 7, 10, 11, 12.

Abbreviations and acronyms used in the safety data sheet: CSA = Chemical Safety Assessment.
DNEL = Derived No Effect Level.
EC50 = Effective Concentration 50%.
LD50 = Lethal Dose 50%.
PBT = Persistent, Bioaccumulative and Toxic.
PNEC = Predicted No Effect Concentration.
vPvB = very Persistent and very Bioaccumulative.

Additional information: Classification according to Regulation (EC) No. 1272/2008: Calculation method.

Wording of H-statements:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.
www.dhigroup.com.
