

SAFETY DATA SHEET

Superrens Neutral

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

1.1. Product identifier

Trade name

Superrens Neutral

Product no.

0482510, 0482910, 0484210, 0484710, 0485260, 0485300

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

Relevant identified uses of the substance or mixture

Cleaning and degreasing in the industry
 Restricted to professional users.

Use descriptors (UK REACH)

| Sectors of use | Description |
|--------------------------------|--|
| LCS "PW" | Professional uses: Public domain (administration, education, entertainment, services, craftsmen) |
| Product category | Description |
| PC 35 | Washing and Cleaning Products (including solvent based products) |
| Process category | Description |
| PROC 10 | Roller application or brushing |
| Environmental release category | Description |
| ERC 8d | Wide dispersive outdoor use of processing aids in open systems |

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Uno-X Smøreolie A/S
 Buddingevej 195
 2860 Søborg
 Denmark
 +45 70115678
 www.lube.unox.dk

Contact person

teknik@unox.dk

E-mail

teknik@unox.dk

Revision

22/04/2024

SDS Version

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

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

2.1. Classification of the substance or mixture

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

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Causes serious eye damage. (H318)

Precautionary statement(s)

General

-

Prevention

Wear eye protection. (P280)

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 doctor. (P310)

Storage

-

Disposal

-

Hazardous substances

Alcohols, C9-11, ethoxylated

Quaternary coco alkyl methyl amine ethoxylate methyl chloride

Additional labelling

Not applicable.

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

< 5%

· Cationic surfactants

· Non-ionic surfactants

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

| Product/substance | Identifiers | % w/w | Classification | Note |
|--|--|-------|--|----------|
| pentasodium triphosphate | CAS No.: 7758-29-4 EC No.: 231-838-7 UK-REACH: Index No.: | 5-10% | Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 | |
| Alcohols, C9-11, ethoxylated | CAS No.: 68439-46-3 EC No.: 614-482-0 UK-REACH: Index No.: | 1-3% | Acute Tox. 4, H302 Eye Dam. 1, H318 | |
| 2-(2-butoxyethoxy)ethanol | CAS No.: 112-34-5 EC No.: 203-961-6 UK-REACH: Index No.: 603-096-00-8 | 1-3% | Eye Irrit. 2, H319 | [1], [3] |
| Quaternary coco alkyl methyl amine ethoxylate methyl | CAS No.: 863679-20-3 EC No.: 627-129-0 | 1-3% | Acute Tox. 4, H302 Acute Tox. 4, H312 | |

| | | |
|----------|-------------------------|--|
| chloride | UK-REACH: Index No.: | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) |
|----------|-------------------------|--|

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.

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

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

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

Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Not applicable.

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

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

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

Not applicable.

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)
- Some metal oxides

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.
 Ensure adequate ventilation, especially in confined areas.
 Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
 Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
 Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
 See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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

> 0°C

Incompatible materials

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

7.3. Specific end use(s)

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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

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

2-(2-butoxyethoxy)ethanol

| Duration: | Route of exposure: | DNEL: |
|--|--------------------|------------------|
| Long term – Systemic effects - Workers | Dermal | 20 mg/kg uge/dag |
| Long term – Systemic effects - Workers | Inhalation | 10 ppm |
| Short term – Local effects - Workers | Inhalation | 14 ppm |
| Short term – Local effects - Workers | Inhalation | 10 ppm |

PNEC

2-(2-butoxyethoxy)ethanol

| Route of exposure: | Duration of Exposure: | PNEC: |
|--------------------|-----------------------|-------|
|--------------------|-----------------------|-------|

| | |
|------------------------|----------|
| Freshwater | 1 mg/l |
| Freshwater sediment | 4 mg/l |
| Marine water | 0,1 mg/l |
| Marine water sediment | 0,4 mg/l |
| Sewage treatment plant | 200 mg/l |
| Soil | 0,4 mg/l |

8.2. Exposure controls

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

General recommendations

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 eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

| Type | Class | Colour | Standards |
|-----------------------------------|-------|--------|-----------|
| No special when used as intended. | | | |

Skin protection

| Recommended | Type/Category | Standards |
|-----------------------------------|---------------|-----------|
| No special when used as intended. | | |

Hand protection

| Material | Glove thickness (mm) | Breakthrough time (min.) | Standards |
|----------------------------------|----------------------|--------------------------|-----------|
| No special when used as intended | | | |

Eye protection

| Type | Standards |
|-----------------------------------|-----------|
| Safety glasses with side shields. | |



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Green

Odour / Odour threshold

Characteristic

pH

8,9+/-1

pH in solution

8,3 (2%)

Density (g/cm³)

1.07 (20 °C)

Kinematic viscosity

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

Vapour pressure

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

Relative vapour density

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

Decomposition temperature (°C)

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

Data on fire and explosion hazards

Flash point (°C)

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

Flammability (°C)

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

Auto-ignition temperature (°C)

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

Lower and upper explosion limit (% v/v)

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

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient (LogKow)

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

Solubility in fat (g/L)

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

9.2. Other information

Oxidizing properties

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

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

None known.

10.4. Conditions to avoid

None known.

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.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

Product/substance pentasodium triphosphate
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: >2000 mg/kg ·

Product/substance pentasodium triphosphate
 Species: Rabbit
 Route of exposure: Oral
 Test: LD50
 Result: >4640 mg/kg ·

Product/substance Alcohols, C9-11, ethoxylated
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: >5000 mg/kg ·

Product/substance Alcohols, C9-11, ethoxylated
 Species: Rat
 Route of exposure: Dermal
 Test: LD50
 Result: >2000 mg/kg ·

Product/substance Alcohols, C9-11, ethoxylated
 Species: Rat
 Route of exposure: Dermal
 Test: LD50
 Result: ">2000 mg/kg

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

Product/substance Quaternary coco alkyl methyl amine ethoxylate methyl chloride
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: >300-2000 mg/kg ·

Skin corrosion/irritation

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

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

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

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

Product/substance pentasodium triphosphate
 Test method: OECD 453
 Test: OECD 453
 Result: Negative

Conclusion: No adverse effect observed

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.

11.2. Information on other hazards

Long term effects

The product contains substances that cause serious eye damage. Contact with these substances can cause irreversible effects on the eye / serious eye damage.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance: pentasodium triphosphate
 Species: Daphnia
 Duration: 48 hours
 Test: EC50
 Result: >100 mg/l ·

Product/substance: pentasodium triphosphate
 Species: Algae
 Duration: 4 days
 Result: 160 mg/l ·

Product/substance: Alcohols, C9-11, ethoxylated
 Species: Fish
 Duration: 96 hours
 Test: LC50
 Result: 1-10 mg/l ·

Product/substance: Alcohols, C9-11, ethoxylated
 Species: Daphnia
 Duration: 48 hours
 Test: EC50
 Result: 1-10 mg/L

Product/substance: Alcohols, C9-11, ethoxylated
 Species: Algae
 Duration: 72 hours
 Test: EC50
 Result: 1-10 mg/L

Product/substance: 2-(2-butoxyethoxy)ethanol
 Species: Fish
 Duration: No data available.
 Test: LC50
 Result: >100 mg/l ·

Product/substance: 2-(2-butoxyethoxy)ethanol
 Species: Algae
 Duration: No data available.
 Test: EC50
 Result: >100 mg/l ·

| | |
|-------------------|---|
| Product/substance | Quaternary coco alkyl methyl amine ethoxylate methyl chloride |
| Species: | Fish |
| Duration: | 96 hours |
| Test: | LC50 |
| Result: | 10-100 mg/l · |

| | |
|-------------------|---|
| Product/substance | Quaternary coco alkyl methyl amine ethoxylate methyl chloride |
| Species: | Daphnia |
| Duration: | 48 hours |
| Test: | EC50 |
| Result: | 1-10 mg/l · |

| | |
|-------------------|---|
| Product/substance | Quaternary coco alkyl methyl amine ethoxylate methyl chloride |
| Species: | Algae |
| Duration: | 72 hours |
| Test: | EC50 |
| Result: | 1-10 mg/l · |

12.2. Persistence and degradability

| | |
|-------------------|------------------------------|
| Product/substance | Alcohols, C9-11, ethoxylated |
| Result: | >60% BOD |
| Conclusion: | Readily biodegradable |
| Test: | OECD 301 D |

| | |
|-------------------|---------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol |
| Result: | 76% |
| Conclusion: | Readily biodegradable |
| Test: | OECD 301 D |

| | |
|-------------------|---|
| Product/substance | Quaternary coco alkyl methyl amine ethoxylate methyl chloride |
| Result: | >60% BOD, 28 dage |
| Conclusion: | Readily biodegradable |
| Test: | OECD 301 D |

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. 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

| | |
|-------------------|----------------------------------|
| Product/substance | 2-(2-butoxyethoxy)ethanol |
| LogKow: | 0.5600 |
| Conclusion: | No potential for bioaccumulation |

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

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

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

20 01 30 Detergents other than those mentioned in 20 01 29

Specific labelling

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

Restricted to professional users.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

UK-REACH, Annex XVII

2-(2-butoxyethoxy)ethanol is subject to restrictions, UK-REACH annex XVII (entry 55).

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law < 5%

- Cationic surfactants
- Non-ionic surfactants

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 as retained and amended in UK law. 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.

Sources

The Management of Health and Safety at Work Regulations 1999.
 Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.
 Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
 Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
 Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.
 H312, Harmful in contact with skin.
 H315, Causes skin irritation.
 H318, Causes serious eye damage.
 H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

H400, Very toxic to aquatic life.

The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

PROC 10 = Roller application or brushing

PC 35 = Washing and Cleaning Products (including solvent based products)

ERC 8d = Wide dispersive outdoor use of processing aids in open systems

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 (European conformity)

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

EuPCS = European Product Categorisation System

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

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

UVBC = Unknown or variable composition, complex reaction products or of biological materials

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) as retained and amended in UK law.

The safety data sheet is validated by

RAKSHINDA SHAFQAT

Other

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