SAFETY DATA SHEET

Sanira De Scaler

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

1.1. Product identifier

Trade name

Sanira De Scaler

Unique formula identifier (UFI)

P43T-D2U1-T00A-N820

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

Relevant identified uses of the substance or mixture

Cleaning product

Product code (A.I.S.E.)

AISE-C14 / DESCALERS.

Use descriptors (REACH)

Sectors of use	Description
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category	Description
PC35	Washing and Cleaning Products (including solvent based products)

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Pro-Ren A/S
Springstrup 7
4300 Holbæk
Denmark
+45 70 20 34 60
http://www.proren.dk/

Contact person

Janie Madsen

E-mail

info@proren.dk

Revision

05/10/2022

SDS Version

1.0

Date of previous version

15/09/2022 (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

Skin Irrit. 2; H315, Causes skin irritation.

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

2.2. Label elements

Hazard pictogram(s)

Signal word

Danger

Hazard statement(s)

Causes skin irritation. (H315)

Causes serious eye damage. (H318)

Safety statement(s)

General

If medical advice is needed, have product container or label at hand. (P101)

Keep out of reach of children. (P102)

Prevention

Wear eye protection/protective gloves. (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)

Storage

-

Disposal

-

Hazardous substances

glycollic acid

sodium 2-(2-dodecyloxyethoxy)ethyl sulphate

D-Glucopyranose, oligomers, decyl octyl glycosides

Additional labelling

Not applicable.

2.3. Other hazards

Additional warnings

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

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

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
citric acid	CAS No.: 77-92-9 EC No.: 201-069-1 UK-REACH:	3-5%	Eye Irrit. 2, H319	

	Index No.:			
glycollic acid	CAS No.: 79-14-1 EC No.: 201-180-5 UK-REACH: Index No.:	1-3%	Skin Corr. 1B, H314 Eye Dam. 1, H318 Acute Tox. 4, H332	
sodium 2-(2-dodecyloxyethoxy)ethyl sulphate	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	
D-Glucopyranose, oligomers, decyl octyl glycosides	CAS No.: 68515-73-1 EC No.: 500-220-1 UK-REACH: Index No.:	1-3%	Eye Dam. 1, H318	
diphenyl ether	CAS No.: 101-84-8 EC No.: 202-981-2 UK-REACH: Index No.:	<0.0015%	Eye Irrit. 2, H319 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	[1]
linalool	CAS No.: 78-70-6 EC No.: 201-134-4 UK-REACH: Index No.: 603-235-00-2	<0.00001%	Skin Sens. 1B, H317	

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.

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

≥ 30%

· Non-ionic surfactants

< 5%

· Anionic surfactants

· Disinfectants

· Perfumes

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

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
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 30 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

Provide plenty of water for the person to drink and stay with him/her. 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 victim 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

Irritation 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.

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)

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.

6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials 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

Room temperature 18 to 23°C (Storage on stock, 3 to 8°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

—
diphenyl ether
Long term exposure limit (8 hours) (ppm): 1
Long term exposure limit (8 hours) (mg/m³): 7
Short term exposure limit (15 minutes) (ppm): 2
Short term exposure limit (15 minutes) (mg/m³): 14

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

D-Glucopyranose, oligomers, decyl octyl glycosides

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	357000 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	595000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	124 mg/m³
Long term – Systemic effects - Workers	Inhalation	420 mg/m³
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

diphenyl ether

Duration	Route of exposure	DNEL

Long term – Systemic effects - Workers	Dermal	25 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	7 mg/m³
Long term – Systemic effects - Workers	Inhalation	59 mg/m³
Short term – Local effects - Workers	Inhalation	14 mg/m³

glycollic acid

Duration	Route of exposure	DNEL
Long term – Systemic effects - General population	Dermal	28.85 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	57.69 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	1.53 mg/m³
Long term – Systemic effects - General population	Inhalation	2.6 mg/m³
Long term – Systemic effects - Workers	Inhalation	10.56 mg/m³
Short term – Local effects - General population	Inhalation	2.3 mg/m³
Short term – Local effects - Workers	Inhalation	9.2 mg/m³
Short term – Systemic effects - General population	Inhalation	2.3 mg/m³
Short term – Systemic effects - Workers	Inhalation	9.2 mg/m³
Long term – Systemic effects - General population	Oral	750 µg/kgbw/day

sodium 2-(2-dodecyloxyethoxy)ethyl sulphate

Duration	Route of exposure	DNEL
Long term – Local effects - General population	Dermal	79 µg/cm²
Long term – Local effects - Workers	Dermal	132 µg/cm²
Long term – Systemic effects - General population	Dermal	1650 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2750 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	52 mg/m³
Long term – Systemic effects - Workers	Inhalation	175 mg/m³
Long term – Systemic effects - General population	Oral	15 mg/kg bw/day

PNEC

citric acid

Route of exposure	Duration of Exposure	PNEC
Freshwater	Single	0,44 mg/L
Freshwater sediment	Single	34,6 mg/kg
Marine water	Single	0,044 mg/L
Marine water sediment	Single	3,46 mg/kg
Sewage treatment plant	-	1000 mg/L

Soil	-	33,1 mg/kg

D-Glucopyranose, oligomers, decyl octyl glycosides

Route of exposure	Duration of Exposure	PNEC
Freshwater		176 µg/L
Freshwater sediment		1.516 mg/kg
Intermittent release (freshwater)		270 µg/L
Marine water		17.6 µg/L
Marine water sediment		152 µg/kg
Predators		111.11 mg/kg
Sewage treatment plant		560 mg/L
Soil		654 µg/kg

diphenyl ether

Route of exposure	Duration of Exposure	PNEC
Freshwater		455 ng/L
Freshwater sediment		92.6 µg/kg
Intermittent release (freshwater)		4.55 µg/L
Marine water		45.5 ng/L
Marine water sediment		9.26 µg/kg
Sewage treatment plant		10 mg/L
Soil		18.3 µg/kg

glycollic acid

Route of exposure	Duration of Exposure	PNEC
Freshwater		31.2 µg/L
Freshwater sediment		115 µg/kg
Intermittent release (freshwater)		312 µg/L
Marine water		3.1 µg/L
Marine water sediment		11.5 µg/kg
Predators		16.66 mg/kg
Sewage treatment plant		7 mg/L
Soil		7 µg/kg

sodium 2-(2-dodecyloxyethoxy)ethyl sulphate

Route of exposure	Duration of Exposure	PNEC
Freshwater		240 µg/L

Freshwater sediment	916.8 µg/kg
Intermittent release (freshwater)	71 µg/L
Marine water	24 µg/L
Marine water sediment	91.7 µg/kg
Sewage treatment plant	10 g/L
Soil	7.5 mg/kg

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 emergency eyewash and -showers are clearly marked.

Hygiene measures

Take off contaminated clothing and wash it before reuse.

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

No specific requirements

Skin protection

No specific requirements.

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,2	> 480	EN374-2, EN374-3, EN388	

Eye protection

Type	Standards
No special when used as intended.	-

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Green

Odour / Odour threshold

Pleasant

pH

2,2

Density (g/cm³)

1.0244

Kinematic viscosity

300-500

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.

Ignition (°C)

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

Auto flammability (°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

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

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

Acute toxicity

Product/substance	citric acid
Test method	
Species	Mouse
Route of exposure	Oral
Test	LD50
Result	5400 mg/kg
Other information	

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

Product/substance	glycollic acid
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	2040 mg/kg ·
Other information	

Product/substance	glycollic acid
Test method	
Species	Rat
Route of exposure	Inhalation
Test	LC50
Result	3,6 mg/m3 ·
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	2870 mg/kg

Other information

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	
Species	Rat
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg
Other information	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	>5000 mg/kg ·
Other information	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	
Species	Rabbit
Route of exposure	Dermal
Test	LD50
Result	>2000 mg/kg ·
Other information	

Product/substance	diphenyl ether
Test method	
Species	Rat
Route of exposure	Oral
Test	LD50
Result	2830 mg/kg ·
Other information	

Skin corrosion/irritation

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	OECD 404
Species	Rabbit
Duration	4 hours
Result	
Other information	reversible

Causes skin irritation.

Serious eye damage/irritation

Product/substance	citric acid
Test method	OECD 405
Species	Rabbit
Duration	14 days
Result	

Other information	reversible

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	OECD 406
Species	Guinea pig
Result	No adverse effect observed (not sensitising)
Other information	

Germ cell mutagenicity

Product/substance	citric acid
Test method	
Species	Rat
Conclusion	No adverse effect observed
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	OECD 476
Species	Mouse
Conclusion	No adverse effect observed
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	OECD 475
Species	Mouse
Conclusion	No adverse effect observed
Other information	

Carcinogenicity

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

Reproductive toxicity

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	OECD 414
Species	Rat
Duration	
Test	
Result	1000 mg/kg bw/day
Conclusion	No adverse effect observed
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	OECD 416
Species	Rat
Duration	
Test	
Result	300 mg/kg bw/day

Conclusion	No adverse effect observed
Other information	

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

Irritation 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

None known.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	citric acid
Test method	
Species	Fish
Compartment	
Duration	48 hours
Test	LC50
Result	440 mg/L
Other information	

Product/substance	glycollic acid
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	164 mg/L ·
Other information	

Product/substance	glycollic acid
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	141 mg/L ·
Other information	

Product/substance	glycollic acid

Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	22,5 mg/L ·
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	7.1 mg/L
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	7.4 mg/L
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	27.7 mg/L
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	NOEC
Result	0.95 mg/L
Other information	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	126 mg/L ·

Other information

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	EC50
Result	31,62 mg/L ·
Other information	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	27,22 mg/L ·
Other information	

Product/substance	diphenyl ether
Test method	
Species	Fish
Compartment	
Duration	96 hours
Test	LC50
Result	4,2 mg/L ·
Other information	

Product/substance	diphenyl ether
Test method	
Species	Daphnia
Compartment	
Duration	48 hours
Test	LC50
Result	1,7 mg/L ·
Other information	

Product/substance	diphenyl ether
Test method	
Species	Algae
Compartment	
Duration	72 hours
Test	EC50
Result	>2,5<5 mg/L ·
Other information	

12.2. Persistence and degradability

Product/substance	citric acid
Biodegradable	Yes

Test method	OECD 301 B
Result	97%

Product/substance	glycollic acid
Biodegradable	Yes
Test method	
Result	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Biodegradable	Yes
Test method	
Result	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Biodegradable	Yes
Test method	
Result	

Product/substance	diphenyl ether
Biodegradable	Yes
Test method	
Result	

12.3. Bioaccumulative potential

Product/substance	citric acid
Test method	
Potential bioaccumulation	No
LogPow	-1,6400
BCF	3.2
Other information	

Product/substance	glycollic acid
Test method	
Potential bioaccumulation	No
LogPow	0,3000
BCF	No data available.
Other information	

Product/substance	sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
Test method	
Potential bioaccumulation	No
LogPow	0,3000
BCF	No data available.
Other information	

Product/substance	D-Glucopyranose, oligomers, decyl octyl glycosides
Test method	

Potential bioaccumulation	No
LogPow	0,0700
BCF	No data available.
Other information	

Product/substance	diphenyl ether
Test method	
Potential bioaccumulation	Yes
LogPow	4,2100
BCF	No data available.
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

None known.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. 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 29* Detergents containing dangerous substances

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

None known.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

Not applicable.

▼Product registration number

4453710

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

H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H400, Very toxic to aquatic life.
H412, Harmful to aquatic life with long lasting effects.

The full text of identified uses as mentioned in section 1

LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PC35 = Washing and Cleaning Products (including solvent based products)

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
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

Janie Madsen

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.
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