SAFETY DATA SHEET

glenta Kalkfjerner

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

1.1. Product identifier

Trade name	glenta Kalkfjerner
Other names / Synonyms	glenta Strong Limescale Remover
Product no.	2147866
Unique formula identifier (UFI)	31K9-QM9V-5K6E-N9J7

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.)

Code
AISE-P307 / Descaling agent. Manual process.
AISE-P305 / Sanitary cleaner. Manual process.

Use descriptors (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)

Uses advised against: No advice against.

1.3. Details of the supplier of the safety data sheet

Company and address:

Stadsing A/S
Østre Fælledvej 13
9400 Nørresundby
Denmark
+45 7015 3400

Contact person	Rune Larsen
E-mail	purchase@stadsing.dk
Revision	5/31/2023
SDS Version	2.0
Date of previous version	5/29/2023 (2.0)

1.4. Emergency telephone number

Contact the poison hotline: +45 82 12 12 12 (24 hour service)
See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Skin Corr. 1; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.

2.2. Label elements

Hazard pictogram(s)



Signal word: Danger

Hazard statement(s): Causes severe skin burns and eye damage. (H314)

Precautionary statement(s)

- General: -
- Prevention: Wear eye protection/protective clothing. (P280)
- Response: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . (P303+P361+P353)
  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: -
- Disposal: -

Hazardous substances: Citric acid monohydrate
Lactic acid
Alcohols, C12-14, ethoxylated

Additional labelling: UFI: 31K9-QM9V-5K6E-N9J7

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

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Citric acid monohydrate	CAS No.: 5949-29-1 EC No.: 611-842-9 REACH: 01-2119457026-42 Index No.:	10-15%	Eye Irrit. 2, H319	
Lactic acid	CAS No.: 50-21-5 EC No.: 200-018-0 REACH: 200-018-0 / 201-196-2 Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318	
Alcohols, C12-14, ethoxylated	CAS No.: 68439-50-9 EC No.: 500-213-3 REACH: polymer Index No.:	1-3%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 1.00 %) Aquatic Chronic 3, H412	

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

Other information

-

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

< 5%
· Anionic surfactants
· 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	Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment. Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. 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	In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.
Burns	Not applicable.

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

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

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 chemical emergency services on 72 85 20 00 (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
Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.
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	Keep only in original packaging.
Storage temperature	Dry, cool and well ventilated Room temperature 18 to 23°C
Incompatible materials	Bases

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
No substances are listed in the national list of substances with an occupational exposure limit.

DNEL
Lactic acid

Duration:	Route of exposure:	DNEL:
Short term – Local effects - General population	Inhalation	296 mg/m³
Short term – Local effects - Workers	Inhalation	592 mg/m³
Short term – Systemic effects - General population	Oral	35,4 mg/kgbw/day

PNEC
Alcohols, C12-14, ethoxylated

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		74.5 µg/L
Freshwater sediment		66.67 mg/kg
Intermittent release (freshwater)		4 µg/L
Intermittent release (marine water)		400 ng/L
Marine water		7.5 µg/L

Marine water sediment		6.66 mg/kg
Sewage treatment plant		10 g/L
Soil		1 mg/kg

Citric acid monohydrate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0,44 mg/L
Freshwater sediment		34,6 mg/kg
Marine water		0,044 mg/L
Marine water sediment		3,46 mg/kg
Sewage treatment plant		> 1000 mg/L
Soil		33,1 mg/kg

Lactic acid

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		1,3 mg/L
Sewage treatment plant		10 mg/L

8.2. Exposure controls

Control is unnecessary if the product is used as intended.

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	Occupational exposure limits have not been defined for the substances in this product.
Appropriate technical measures	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. Always wash hands, forearms and face.
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

Wash contaminated clothing before reuse.
In the event the work process is within scope of the Danish statutory order on work with code numbered products (Work Inspectorate Order no. 302/1993), then personal protection equipment shall be selected as set out herein. If applicable, please refer to the code number of this product in section 15.
Use only CE marked protective equipment.

Respiratory Equipment

Type	**Class**	**Colour**	**Standards**
No special when used as intended.			

Skin protection

Recommended	**Type/Category**	**Standards**
Long-sleeved gloves		

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
4H	0,068 - 0,084	> 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	Yellowish
Odour / Odour threshold	Characteristic
pH	1,3
Density (g/cm³)	1.2
Kinematic viscosity	No data available
Particle characteristics	Not applicable - product is a liquid

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)	Testing not relevant or not possible due to nature of the product.
Flammability (°C)	Testing not relevant or not possible due to nature of the product.
Auto-ignition temperature (°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	Completely soluble
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

Evaporation rate (n-butylacetate = 100)	Testing not relevant or not possible due to nature of the product.
Other physical and chemical parameters	No data available.
Oxidizing properties	Testing not relevant or not possible due to nature of the product.

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
Bases

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 monohydrate
Test method:	OECD 401
Species:	Mouse
Route of exposure:	Oral
Test:	LD50
Result:	5400 mg/kgbw

Product/substance	Citric acid monohydrate
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kgbw

Product/substance	Lactic acid
Test method:	EPA OPP 81-1
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	3543 mg/kg

Product/substance	Lactic acid
Test method:	EPA OPP 81-2
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kg

Product/substance	Lactic acid
Test method:	OECD 403
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 7,94 mg/L

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Rat
Route of exposure:	Oral

Test: LD50
Result: >2000 mg/kg

Product/substance: Alcohols, C12-14, ethoxylated
Species: Rat
Route of exposure: Dermal
Test: LD50
Result: >2000 mg/kg

Skin corrosion/irritation

Product/substance: Citric acid monohydrate
Species:
Duration:
Result:
Other information: No available data

Product/substance: Lactic acid
Test method: OECD 404
Species:
Duration:
Result: Adverse effect observed (Irritating)

Product/substance: Alcohols, C12-14, ethoxylated
Species: Rabbit
Duration:
Result: No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance: Lactic acid
Species:
Duration:
Result: Adverse effect observed (Causes serious eye damage)

Product/substance: Alcohols, C12-14, ethoxylated
Species: Rabbit
Duration:
Result: Adverse effect observed (Causes serious eye damage)

Product/substance: Alcohols, C12-14, ethoxylated
Species: Rabbit
Duration:
Result: Adverse effect observed (Irritating)

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

Product/substance: Alcohols, C12-14, ethoxylated
Species:
Result: No adverse effect observed (not sensitising)

Product/substance: Alcohols, C12-14, ethoxylated
Species:
Result:
Other information: Literature study

Germ cell mutagenicity

Product/substance: Citric acid monohydrate
Species:
Conclusion:

Other information: No available data

Product/substance: Lactic acid
Species:
Conclusion:
Other information: Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Product/substance: Alcohols, C12-14, ethoxylated
Species:
Conclusion: Adverse effect observed
Other information: Literature study

Carcinogenicity

Product/substance: Citric acid monohydrate
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion:
Other information: No available data

Product/substance: Lactic acid
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion:
Other information: Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Product/substance: Alcohols, C12-14, ethoxylated
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion: No adverse effect observed
Other information: Literature study

Reproductive toxicity

Product/substance: Citric acid monohydrate
Species:
Duration:
Test:
Result:
Conclusion:
Other information: No available data

Product/substance: Lactic acid
Species:
Duration:
Test:
Result:
Conclusion:
Other information: Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Product/substance: Alcohols, C12-14, ethoxylated
Species:
Duration:

Test:
Result:
Conclusion: No adverse effect observed
Other information: Literature study

STOT-single exposure

Product/substance: Citric acid monohydrate
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion:
Other information: No available data

Product/substance: Lactic acid
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion:
Other information: Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

STOT-repeated exposure

Product/substance: Citric acid monohydrate
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion:
Other information: No available data

Product/substance: Lactic acid
Species:
Route of exposure:
Target organ:
Duration:
Test:
Result:
Conclusion:
Other information: Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Product/substance: Alcohols, C12-14, ethoxylated
Species: Rat
Route of exposure: Oral
Target organ: Heart
Duration: 24 months
Test: NOAEL
Result: 50 mg/kg bw/day
Conclusion: Adverse effect observed

Aspiration hazard

Product/substance: Citric acid monohydrate
Kin. viscocity (mm²/s):
Test:
Conclusion:
Other information: No available data

11.2. Information on other hazards

Long term effects

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

Endocrine disrupting properties

Product/substance	Lactic acid
Species:	
Duration:	
Test:	
Result:	
Conclusion:	
Other information:	Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Product/substance	Alcohols, C12-14, ethoxylated
Species:	
Duration:	
Test:	
Result:	
Conclusion:	
Other information:	Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Other information

None known.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance	Citric acid monohydrate
Species:	Fish, Leuciscus idus (goldid)
Duration:	96 hours
Test:	LC50
Result:	440-760 mg/L

Product/substance	Citric acid monohydrate
Species:	Daphnia, Daphnia magna
Duration:	72 hours
Test:	EC50
Result:	120 mg/L

Product/substance	Citric acid monohydrate
Species:	Algae, M. Aeruginosa
Duration:	8 days
Test:	IC5
Result:	80 mg/L

Product/substance	Citric acid monohydrate
Species:	Bacteria, Pseudomonas putida
Duration:	16 hours
Test:	EC5
Result:	>10000 mg/L

Product/substance	Lactic acid
Species:	Fish, Lepomis macrochirus
Duration:	96 hours
Test:	LC50
Result:	130 mg/L

Product/substance	Lactic acid
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50

Result:	130 mg/L

Product/substance	Lactic acid
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Test:	ErC50
Result:	2800 mg/L

Product/substance	Lactic acid
Test method:	OECD 201
Species:	
Duration:	
Test:	NOEC
Result:	1900 mg/L

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	> 0,1 - 1 mg/L

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	> 0,1 - 1 mg/L

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	> 0,1 - 1 mg/L

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC10
Result:	0,1 - 1 mg/L

Product/substance	Alcohols, C12-14, ethoxylated
Species:	Bacteria
Duration:	
Test:	EC50
Result:	140 mg/L

12.2. Persistence and degradability

Product/substance	Citric acid monohydrate
Biodegradable:	Yes
Test method:	OECD 302 TG
Result:	COD 685 mg/g

Product/substance	Lactic acid
Biodegradable:	Yes
Test method:	
Result:	

Product/substance	Alcohols, C12-14, ethoxylated
Biodegradable:	Yes
Test method:	OECD 301 B
Result:	> 60 %

12.3. Bioaccumulative potential

Product/substance	Citric acid monohydrate
Test method:	
Potential bioaccumulation:	No
LogPow:	-1,72
BCF:	No data available.
Other information:	

Product/substance	Lactic acid
Test method:	
Potential bioaccumulation:	No data available.
LogPow:	-0,72
BCF:	No data available.
Other information:	

Product/substance	Alcohols, C12-14, ethoxylated
Test method:	
Potential bioaccumulation:	No
LogPow:	No data available.
BCF:	No data available.
Other information:	

12.4. Mobility in soil

Alcohols, C12-14, ethoxylated
LogKoc = 1.85, High mobility potential.

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

Product/substance	Lactic acid
Species:	
Duration:	
Test:	
Result:	
Conclusion:	
Other information:	Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

Product/substance	Alcohols, C12-14, ethoxylated
Species:	
Duration:	
Test:	
Result:	
Conclusion:	
Other information:	Kriterierna för klassificering kan på grundval av tillgängliga data inte anses vara uppfyllda.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.
HP 8 – Corrosive
Dispose of contents/container to an approved waste disposal plant.
Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste.

EWC code

20 01 29*	Detergents containing dangerous substances
15 01 02	Plastic packaging

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	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid monohydrate)	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid monohydrate)	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	Limited quantities: 5 L EmS: F-A S-B See below for additional information.
IATA	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (Citric acid monohydrate)	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

ADR / See Table A, Section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.
This product is within scope of the regulations of transport of dangerous goods.

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. People under the age of 18 shall not be exposed to this product.
Demands for specific education	No specific requirements.
SEVESO - Categories / dangerous substances	Not applicable.
Product registration number	4476912

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. Code number (1993): 00-4
Sources	The Danish Working Environment Authority's executive order no. 239 of 6 April 2005 on young people's work. Based on Council Directive 94/33 / EC of 22 June 1994 on the protection of young people at work. Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. Commission Regulation (EU) No 1357/2014 of 18 December 2014 on waste. Arbejdstilsynets bekendtgørelse nr. 301 af 13. maj 1993 om fastsættelse af kodenumre med senere ændringer. 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 (CLP). 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).

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
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)
PC 35 = 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 (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
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 mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).
The classification of the substance/mixture in regard of skin corrosion and serious eye damage is based on the pH-criterion given by Regulation (EC) No. 1272/2008 (CLP).

▼The safety data sheet is validated by

Admin

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: DK-en