SAFETY DATA SHEET

glenta Kalkbort Extra Strong

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

1.1. Product identifier

Trade name	glenta Kalkbort Extra Strong
Other names / Synonyms	glenta Limescaler Extra Strong
Product no.	2156560
Unique formula identifier (UFI)	KNMF-1F26-DN07-M3GS

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

Relevant identified uses of the substance or mixture	Cleaning product Restricted to professional users.
Product code (A.I.S.E.)	AISE-C14 / DESCALERS. AISE-P307 / Descaling agent. 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	**Procurator AB** Box 9504 200 39 Malmö Sweden +46(0)106040000 www.procurator.com
Contact person	Jonas Larsson
E-mail	jonas.larsson@procurator.com
Revision	08/02/2024
SDS Version	1.0

1.4. Emergency telephone number

In urgent situations: Call 112 and request the poison information centre. (24h service)
In less severe situations: Call 010-456 6700 (24h service)
See also section 4 “First aid measures”.

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP).

2.1. Classification of the substance or mixture

Skin Corr. 1B; 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	Do not breathe vapour/mist. (P260) Wear eye protection/protective gloves/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)
Storage	-
Disposal	Dispose of contents/container in accordance with local regulation (P501)
Hazardous substances	Orthophosphoric acid
Additional labelling	UFI: KNMF-1F26-DN07-M3GS
Labelling of contents according to Detergents Regulation (EC) No 648/2004	5% - 15% · Anionic 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
Orthophosphoric acid	CAS No.: 7664-38-2 EC No.: 231-633-2 REACH: Index No.:	15-25%	Met. Corr. 1, H290 Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 REACH: 01-2119488639-16-xxxx Index No.:	5-10%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	
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	

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

Other information

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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. 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	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:
Halogenated compounds
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

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

Orthophosphoric acid
Short term exposure limit (15 minutes) (mg/m^3): 2
Long term exposure limit (8 hours) (mg/m^3): 1

Occupational exposure limits (AFS 2018:1) and later amendment AFS 2020:6 and AFS 2021:3.

DNEL

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	79 µg/cm^2
Long term – Local effects - Workers	Dermal	132 µg/cm^2
Long term – Systemic effects - General population	Dermal	1650 mg/kgbw/day

Long term – Systemic effects - Workers	Dermal	2750 mg/kgbw/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/kgbw/day

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

Orthophosphoric acid

Duration:	**Route of exposure:**	**DNEL:**
Long term – Local effects - General population	Inhalation	0,36 mg/m³
Long term – Local effects - Workers	Inhalation	1 mg/m³
Long term – Systemic effects - General population	Inhalation	4,57 mg/m³
Long term – Systemic effects - Workers	Inhalation	10,7 mg/m³
Long term – Systemic effects - General population	Oral	0,1 mg/kg bw/day

PNEC

Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0,24 mg/L
Freshwater sediment		0,917 mg/kg
Marine water		0,024 mg/L
Marine water sediment		0,092 mg/kg
Sewage treatment plant		10 g/L
Soil		7,5 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

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

environmental exposure: work.

Individual protection measures, such as personal protective equipment

Generally: Use only CE marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
No special when used as intended.			

Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.	-	-	

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	Colourless
Odour / Odour threshold	Characteristic
pH	0,5
Density (g/cm^3)	1.2
Kinematic viscosity	No data available
Particle characteristics	Testing not relevant or not possible due to nature of the product.

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 (LogKow)	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
Thermal decomposition may produce corrosive vapours.

SECTION 11: Toxicological information

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

Acute toxicity

Product/substance	Orthophosphoric acid
Species:	Rabbit
Route of exposure:	Oral
Test:	LD50
Result:	2740 mg/kg

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2.000-5.000 mg/kg
Other information:	Literature study

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal

Test:	LD50
Result:	>2.000 mg/kg
Other information:	Literature study

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

Skin corrosion/irritation

Product/substance	Orthophosphoric acid
Species:	Rabbit
Duration:	24 hours
Result:	Adverse effect observed (Corrosive)

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 431
Species:	Human
Result:	No adverse effect observed (Not corrosive)

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

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	Orthophosphoric acid
Species:	Rabbit
Result:	Adverse effect observed (Corrosive)

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye irritation)_>5%-<10%
Other information:	Literature study

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Other information:	Literature study

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 405
Species:	Rabbit
Result:	No adverse effect observed (Not irritating)
Other information:	Literature study

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

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Germ cell mutagenicity

Product/substance	Orthophosphoric acid
Test method:	OECD 471
Species:	Bacteria, Salmonella typhimurium
Conclusion:	No adverse effect observed

Product/substance	Orthophosphoric acid
Test method:	OECD 471
Species:	Bacteria, E. coli
Conclusion:	No adverse effect observed

Product/substance	Orthophosphoric acid
Test method:	OECD 473
Conclusion:	No adverse effect observed

Product/substance	Orthophosphoric acid
Test method:	OECD 476
Conclusion:	No adverse effect observed

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

Carcinogenicity

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

Reproductive toxicity

Product/substance	Orthophosphoric acid
Test method:	OECD 422
Species:	Rat, Sprague-Dawley, male/female
Test:	NOAEL
Result:	>=500 mg/kg bw/day

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 416
Species:	Rat
Conclusion:	No adverse effect observed

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

STOT-single exposure

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

STOT-repeated exposure

Product/substance: Orthophosphoric acid
Test method: OECD 422 - Combined Repeated Dose Toxicity Study with the Reproduction/Developmental Toxicity Screening Test
Species: Rat
Route of exposure: Oral
Duration: 90 days
Test: NOAEL
Result: 250 mg/kg bw/day

Product/substance: Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method: OECD 408
Species: Rat
Route of exposure: Oral
Target organ: Liver
Duration: 90 days
Test: NOAEL
Result: >225 mg/kg
Conclusion: Adverse effect observed

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

Aspiration hazard

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

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
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: Orthophosphoric acid
Species: Fish, Lepomis macrochirus
Compartment: Water
Duration: 96 hours
Test: LC50
Result: 3 - 3,25 mg/L

Product/substance: Orthophosphoric acid
Test method: OECD 202
Species: Daphnia, Daphnia magna
Duration: 48 hours
Test: EC50
Result: > 100 mg/L

Product/substance: Orthophosphoric acid
Test method: OECD 201

Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	100 mg/L

Product/substance	Orthophosphoric acid
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	Orthophosphoric acid
Test method:	OECD 209
Species:	Bacteria
Duration:	3 hours
Test:	EC50
Result:	> 1000 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Test:	IC50
Result:	>1-10 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 204
Species:	Fish, Oncorhynchus mykiss
Duration:	28 days
Test:	NOEC
Result:	0,14 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 211
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	0,27 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 202
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>1-10 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	>10-100 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 201
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Test:	NOEC
Result:	0,93 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Species:	Bacteria, Pseudomonas putida

Test:	EC10
Result:	>10000 mg/L

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 222 - Earthworm reproduction test
Species:	Earthworm, Eisenia fetida
Duration:	56 days
Test:	NOEC
Result:	750 mg/kg

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
Test:	NOEC
Result:	1900 mg/L

12.2. Persistence and degradability

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Result:	> 70 %
Conclusion:	Readily biodegradable
Test:	OECD 301 A

Product/substance	Lactic acid
Conclusion:	Readily biodegradable

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.

12.3. Bioaccumulative potential

Product/substance	Lactic acid
LogKow:	-0,72
Conclusion:	-

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

Product/substance	Lactic acid
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.
SFS Waste regulation (2020:614).

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	UN1805	PHOSPHORIC ACID, SOLUTION	Transport hazard class: 8 Label: 8 Classification code: C1 	III	No	Limited quantities: 5 L Tunnel restriction code: (E) See below for additional information.
IMDG	UN1805	PHOSPHORIC ACID, SOLUTION	Transport hazard class: 8 Label: 8 Classification code: C1 	III	No	Limited quantities: 5 L EmS: F-A S-B See below for additional information.
IATA	UN1805	PHOSPHORIC ACID, SOLUTION	Transport hazard class: 8 Label: 8 Classification code: C1 	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 work with this product. This does not apply if the working task is: - performed by young people who have completed upper secondary education or equivalent education for the task or - included in teaching that is located in a school premises or other place that is specially arranged for teaching, or - included in supervisor-led internships for young people, or - of such a nature that the risk of injury is considered to be minimal.
Demands for specific education	No specific requirements.
SEVESO - Categories / dangerous substances	Not applicable.
Labelling of contents according to Detergents Regulation (EC) No 648/2004	5% - 15% · Anionic 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. 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 Swedish Work Environment Authority´s provisions on young peoples' work environment (AFS 2012:3). Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents. SFS Waste regulation (2020:614). 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

H290, May be corrosive to metals.
H302, Harmful if swallowed.
H314, Causes severe skin burns and eye damage.
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
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 mixture in regard of health hazards is in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The safety data sheet is validated by

PS

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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