

SAFETY DATA SHEET

i.23 easydose

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

1.1. Product identifier

▼ *Trade name:*
i.23 easydose

Unique formula identifier (UFI):
E094-SY4R-6T7V-FTJ3

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

Relevant identified uses of the substance or mixture:
Washing and cleaning products (including solvent based products)
Restricted to professional and industrial use.

Uses advised against :
None known.

1.3. Details of the supplier of the safety data sheet

Company and address:
i-team UK
The Alima Centre, 35 Sefton St
L8 5SL Toxteth, Liverpool
United Kingdom
+44 1945 595177

E-mail:
info@hygeniq.com

Revision:
17/03/2026

SDS Version:
3.0

Date of previous version:
09/03/2026 (2.0)

1.4. Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 111 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour 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

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:

Not applicable.

Prevention:

Do not breathe vapour/mist. (P260)

Wear eye protection/protective gloves. (P280)

Response:

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (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:

Not applicable.

Disposal:

Dispose of contents/container in accordance with local regulation. (P501)

Hazardous substances:

D-Glucopyranose, oligomeric, decyl octyl glycosides.

Additional labelling:

UFI: E094-SY4R-6T7V-FTJ3

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

≥5% - <15%

· 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) 2023/707.

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
D-Glucopyranose, oligomeric, decyl octyl glycosides.	CAS No.: 68515-73-1 EC No.: 500-220-1 UK-REACH: Index No.:	5-10%	Eye Dam. 1, H318	[19]
D-glucono-1,5-lactone	CAS No.: 90-80-2 EC No.: 202-016-5 UK-REACH: Index No.:	3-5%		
Urea hydrochloride	CAS No.: 506-89-8 EC No.: 208-059-6 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335	
Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)	CAS No.: 164462-16-2 EC No.: 423-270-5 UK-REACH: Index No.:	1-3%		
Xanthan gum	CAS No.: 11138-66-2 EC No.: 234-394-2 UK-REACH: Index No.:	<0.25%		
sodium hydroxide caustic soda	CAS No.: 1310-73-2 EC No.: 215-185-5 UK-REACH: Index No.: 011-002-00-6	<0.05%	Skin Corr. 1A, H314 (C ≥ 5%) Skin Corr. 1B, H314 (2% ≤ C < 5%) Skin Irrit. 2, H315 (0.5% ≤ C < 2%) Eye Irrit. 2, H319 (0.5% ≤ C < 2%)	

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

Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials

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:

If in eyes: Flush eyes with plenty of water or saline solution (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:

Nitrogen oxides (NO_x)

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.

Hazchem Code: 2X

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.
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:

Keep only in original packaging.

Storage conditions:

Dry, cool and well ventilated

Incompatible materials:

Keep only in original packaging.

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

Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	170 mg/kg bw/day
Short term – Local effects - General population	Dermal	400 mg/cm ²
Short term – Local effects - Workers	Dermal	2000 mg/cm ²
Short term – Systemic effects - General population	Dermal	400 mg/kg bw/day
Short term – Systemic effects - Workers	Dermal	2000 mg/kg bw/day
Long term – Local effects - General population	Inhalation	2 mg/m ³
Long term – Local effects - Workers	Inhalation	4 mg/m ³

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Long term – Systemic effects - General population	Inhalation	20 mg/m ³
Long term – Systemic effects - Workers	Inhalation	40 mg/m ³
Short term – Local effects - General population	Inhalation	20 mg/m ³
Short term – Local effects - Workers	Inhalation	40 mg/m ³
Short term – Systemic effects - General population	Inhalation	20 mg/m ³
Short term – Systemic effects - Workers	Inhalation	40 mg/m ³
Long term – Systemic effects - General population	Oral	17 mg/kg bw/day
Short term – Systemic effects - General population	Oral	85 mg/kg bw/day

D-Glucopyranose, oligomeric, 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/m ³
Long term – Systemic effects - Workers	Inhalation	420 mg/m ³
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

PNEC

Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)

Route of exposure:	Duration of Exposure:	PNEC:
Soil		2.5 mg/kg

D-Glucopyranose, oligomeric, decyl octyl glycosides.

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,1 mg/L
Freshwater		0.176 mg/L
Freshwater sediment		1.516 mg/kg
Intermittent release		111.11 mg/kg
Intermittent release		0,654 mg/kg
Intermittent release		0,048 mg/kg
Intermittent release		0,487 mg/kg
Intermittent release		560 mg/L
Marine water		0,01 mg/L
Marine water		0.0176 mg/L
Marine water sediment		0.152 mg/kg
Water		0,27 mg/L

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

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:

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:

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.
Use only UKCA marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

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

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0.4	> 480	EN374-2, EN16523-1, 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:

Brown

Odour / Odour threshold:

Characteristic

pH:

ca. 1.6

Density (g/cm³):

1.05 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No data available.

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

Lower and upper explosion limit (% v/v):

No data available.

Solubility

Solubility in water:

Completely soluble

n-octanol/water coefficient (LogKow):

No data available.

Solubility in fat (g/L):

No data available.

9.2. Other information

Oxidizing properties:

No data available.

Other physical and chemical parameters:

ND: 1.354

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

Keep only in original packaging.

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 as retained and amended in UK law

Acute toxicity

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	> 5.000 mg/kg

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/L

Product/substance	Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Species:	Rat
Route of exposure:	Oral
Result:	>2000 mg/kg

Product/substance	Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Result:	>2000 mg/kg

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

Skin corrosion/irritation

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
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Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Slightly irritating)

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 404
Species:	Rabbit
Result:	No adverse effect observed (Not irritating)

Product/substance	Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method:	OECD 404
Species:	Rabbit
Result:	No adverse effect observed (Not irritating)

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 437
Species:	Bovine
Result:	Adverse effect observed (Irritating)

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Mouse

Product/substance	Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method:	OECD 405
Species:	Rabbit
Result:	No adverse effect observed (Not irritating)

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 429
Species:	Mouse
Result:	No adverse effect observed (not sensitising)

Product/substance	Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

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

Germ cell mutagenicity

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 476
Conclusion:	No adverse effect observed

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Mouse
Conclusion:	No adverse effect observed

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 471
Species:	Bacteria
Conclusion:	No adverse effect observed

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

Carcinogenicity

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Rat
Test:	NOAEL
Result:	1000 mg/kg bw

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Conclusion:	No adverse effect observed

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

Reproductive toxicity

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Conclusion:	No adverse effect observed

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

STOT-single exposure

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Conclusion:	No adverse effect observed

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

STOT-repeated exposure

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 408
Species:	Rat
Route of exposure:	Oral
Duration:	90 days
Test:	NOAEL
Result:	100 mg/kg

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Conclusion:	No adverse effect observed

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

Aspiration hazard

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Conclusion:	Aspiration hazard not applicable

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

Symptoms related to the physical, chemical and toxicological characteristics

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.

11.2. Information on other hazards

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	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 202
Species:	Fish
Duration:	48 hours
Test:	EC50
Result:	> 100 mg mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Duration:	48 hours
Result:	31,62 mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Algae
Duration:	72 hours
Result:	37 mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Duration:	72 hours
Result:	10 mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test:	EC50
Result:	19,82 mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Fish
Duration:	28 days
Test:	NOEC
Result:	1,8 mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Andere waterorganismen
Duration:	96 hours
Test:	NOEC
Result:	>21 mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Andere waterorganismen
Test:	EC50
Result:	>560 mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 202
Species:	Daphnia
Duration:	21 days
Test:	NOEC
Result:	2 mg/L

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Algae
Duration:	14 days

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Result:	>654 mg/kg
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Andere waterorganismen
Duration:	14 days
Result:	>=654 mg/kg
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	DIN EN ISO 7346-2
Species:	Fish
Test:	EC50
Result:	> 100 mg/L
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Algae
Test:	EC50
Result:	> 10-100 mg/L
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 209
Species:	Andere waterorganismen
Test:	EC0
Result:	> 100 mg/L
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	DIN 38412
Species:	Andere waterorganismen
Test:	EC0
Result:	> 100 mg/L
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 204
Species:	Fish
Test:	NOEC
Result:	1-10 mg/L
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 202
Species:	Daphnia
Test:	NOEC
Result:	1-10 mg/L
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Test method:	OECD 204
Species:	Andere waterorganismen
Test:	EC10
Result:	> 100 mg/L
Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Species:	Andere waterorganismen
Duration:	14 days
Test:	LCLo
Result:	> 100 mg/kg
Product/substance	Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Test method: OECD 202
Species: Daphnia
Duration: 48 hours
Test: EC50
Result: >100 mg/L

Product/substance Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method: OECD 203
Species: Fish
Duration: 96 hours
Test: LC50
Result: >200 mg/L

Product/substance Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method: OECD 209
Duration: 30 minutes
Test: EC20
Result: >2000 mg/L

Product/substance Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method: OECD 204
Duration: 28 days
Test: NOEC
Result: >=200 mg/L

Product/substance Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method: OECD 202
Duration: 21 days
Test: NOEC
Result: >=200 mg/L

Product/substance Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Species: Fish
Duration: 96 hours
Test: LC50
Result: 105 mg/L

Product/substance Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Species: Algae
Duration: 72 hours
Result: >100 mg/L

Product/substance Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Species: Algae
Duration: 72 hours
Test: EC10
Result: >100 mg/L

Product/substance Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Test method: OECD 209
Species: Bacteria
Test: NOEC
Result: 1000 mg/L

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

12.2. Persistence and degradability

According to REACH Regulation (EC) No 1907/2006, as retained and amended by SI 2019/758 and SI 2020/1577

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Compartment:	Activated Sludge Plant
Duration:	28 days
Result:	100 %
Conclusion:	-
Test:	OECD 301 E

Product/substance	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Compartment:	Activated Sludge Plant
Duration:	14 days
Result:	73 %
Conclusion:	-
Test:	OECD 302

Product/substance	Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
Result:	>90-<100 %
Conclusion:	-
Test:	OECD 301 F

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	D-Glucopyranose, oligomeric, decyl octyl glycosides.
Conclusion:	-

Product/substance	Alanine, N,N-bis(carboxymethyl)-, sodium salt (1:3)
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

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

12.7. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

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.

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

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/A DN/RID	UN3265	CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S.	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.	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.	Transport hazard class: 8 Label: 8 Classification code: C3 	III	No	See below for additional information.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.

ADR/ADN/RID / 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.
Hazchem Code: 2X

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.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:

Not applicable.

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

≥5% - <15%

· 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

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

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

EC = Effective concentration

ED = Effective dose

EINECS = European Inventory of Existing Commercial chemical Substances

EL = Effective Loading

ErC = Concentration associated with x% growth rate response

ES = Exposure Scenario

EUH statement = CLP-specific Hazard statement

EuPCS = European Product Categorisation System

EWG = European Waste Catalogue

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

GWP = Global warming potential
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
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 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) as retained and amended in UK law.

The safety data sheet is validated by

Quality & Compliance

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