

SAFETY DATA SHEET

iT.21 flexdose

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

1.1. Product identifier

Trade name:

iT.21 flexdose

Unique formula identifier (UFI):

1S5T-Y637-FEJ9-W06M

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:

03/04/2026

SDS Version:

5.0

Date of previous version:

03/04/2026 (5.0)

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 Irrit. 2; H315, Causes skin irritation.

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

Aquatic Acute 1; H400, Very toxic to aquatic life.

Aquatic Chronic 3; H412, Harmful to aquatic life with long lasting effects.

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Causes skin irritation. (H315)

Causes serious eye damage. (H318)

Very toxic to aquatic life with long lasting effects. (H410)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Wash hands and exposed skin thoroughly after handling. (P264)

Avoid release to the environment. (P273)

Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. (P305+P351+P338)

Immediately call a POISON CENTER/doctor. (P310)

Storage:

Not applicable.

Disposal:

Dispose of contents/container in accordance with local regulation.

(P501)

Hazardous substances:

Alcohols, C12-18, ethoxylated

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

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

2-methylisothiazol-3(2H)-one

Additional labelling:

UFI: 1S5T-Y637-FEJ9-W06M

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

≥ 30%

· Non-ionic surfactants

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

≥15% - <30%

· Soap

< 5%

· Preservation agent (METHYLISOTHIAZOLINONE)

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
Fatty acids, coco, potassium salts	CAS No.: 61789-30-8 EC No.: 263-049-9 UK-REACH: Index No.:	25-40%	Skin Irrit. 2, H315 Eye Irrit. 2, H319	[19]
Alcohols, C12-18, ethoxylated	CAS No.: 68213-23-0 EC No.: 500-201-8 UK-REACH: Index No.:	25-40%	Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 3, H412	[19]
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.:	3-5%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (C ≥ 10.0%) Eye Irrit. 2, H319 (5.0% ≤ C < 10.0%)	[19]
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	CAS No.: 110615-47-9 EC No.: 600-975-8 UK-REACH: Index No.:	3-5%	Skin Irrit. 2, H315 (C > 30.0%) Eye Dam. 1, H318 (12.0% < C ≤ 30.0%)	[19]
Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate	CAS No.: 51981-21-6 EC No.: 257-573-7 UK-REACH: Index No.:	3-5%		
2-methylisothiazol-3(2H)-one	CAS No.: 2682-20-4 EC No.: 220-239-6 UK-REACH: Index No.: 613-326-00-9	<0.01%	EUH071 Acute Tox. 3, H301 Acute Tox. 3, H311 Skin Corr. 1B, H314 Skin Sens. 1A, H317 (C ≥ 0.0015%) Eye Dam. 1, H318 Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=1)	

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

Other information

[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:

IF ON SKIN: Wash with plenty of water/water and soap.
Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.
If skin irritation occurs: Get medical advice/attention.

Eye contact:

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:

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.
In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns:

Not applicable.

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

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

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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.

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. In the event of leakage to the surroundings, contact local environmental authorities.

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

It is recommended to install waste collection trays in order to prevent emissions to the waste water system and surrounding environment.
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:

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

7.3. Specific end use(s)

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

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

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

DNEL

2-methylisothiazol-3(2H)-one

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	0.021 mg/m ³
Long term – Local effects - Workers	Inhalation	0.021 mg/m ³
Short term – Local effects - General population	Inhalation	0.043 mg/m ³
Short term – Local effects - Workers	Inhalation	0.043 mg/m ³
Long term – Systemic effects - General population	Oral	0.027 mg/kg bw/day
Short term – Systemic effects - General population	Oral	0.053 mg/kg bw/day

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 - General population	Dermal	79 µg/cm ²
Long term – Local effects - Workers	Dermal	132 µg/cm ²
Long term – Local effects - Workers	Dermal	132 µg/cm ²
Long term – Systemic effects - General population	Dermal	2,500 mg/kg bw/day
Long term – Systemic effects - General population	Dermal	1650 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	5,830 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2750 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	87.1 mg/m ³
Long term – Systemic effects - General population	Inhalation	52 mg/m ³
Long term – Systemic effects - Workers	Inhalation	411 mg/m ³
Long term – Systemic effects - Workers	Inhalation	175 mg/m ³
Long term – Systemic effects - General population	Oral	25 mg/kg bw/day
Long term – Systemic effects - General population	Oral	15 mg/kg bw/day
	Via the eye	
Short term – Local effects - General population	Via the eye	

Alcohols, C12-18, ethoxylated

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1250 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2080 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	87 mg/m ³
Long term – Systemic effects - Workers	Inhalation	294 mg/m ³
Long term – Systemic effects - General population	Oral	25 mg/kg bw/day

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	357000 mg/kg
Long term – Systemic effects - General population	Dermal	357,000 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	595000 mg/kg

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

Long term – Systemic effects - Workers	Dermal	595,000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	124 mg/m ³
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 - Workers	Inhalation	420 mg/m ³
Long term – Systemic effects - General population	Oral	35,7 mg/kg
Long term – Systemic effects - General population	Oral	35.7 mg/kg bw/day

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	7,500 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	15,000 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.8 mg/m ³
Long term – Systemic effects - Workers	Inhalation	7.3 mg/m ³
Long term – Systemic effects - General population	Oral	1.5 mg/kg bw/day

PNEC

2-methylisothiazol-3(2H)-one

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		3.39 µg/L
Intermittent release (freshwater)		3.39 µg/L
Intermittent release (marine water)		3.39 µg/L
Marine water		3.39 µg/L
Sewage treatment plant		0.23 mg/L
Soil		0.047 mg/kg

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

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0.129 mg/L
Freshwater		0.24 mg/L
Freshwater sediment		4.835 mg/kg
Freshwater sediment		0.917 mg/kg
Freshwater sediment		5.45 mg/kg TG
Intermittent release (freshwater)		0.71 mg/L
Intermittent release (marine water)		0.071 mg/L
Marine water		0.013 mg/L
Marine water		0.024 mg/L
Marine water		0.0129 mg/L
Marine water sediment		0.483 mg/kg
Marine water sediment		0.092 mg/kg
Marine water sediment		0.545 mg/kg TG
Sewage treatment plant		10 g/L

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

Sewage treatment plant		10 g/L
Soil		7.5 mg/kg
Soil		7.5 mg/kg
Soil		0.946 mg/kg TG

Alcohols, C12-18, ethoxylated

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		48 µg/L
Freshwater sediment		292 mg/kg
Intermittent release (freshwater)		4.1 µg/L
Marine water		48 µg/L
Marine water sediment		292 mg/kg
Sewage treatment plant		10 g/L
Soil		1 mg/kg

D-Glucopyranose, oligomeric, C10-16-alkyl glycosides

Route of exposure:	Duration of Exposure:	PNEC:
		0.0295 mg/L
Freshwater		0,176 mg/L
Freshwater		0.176 mg/L
Freshwater sediment		1,516 mg/kg
Freshwater sediment		1,516 mg/kg
Intermittent release (freshwater)		0.029 mg/L
Marine water		0,018 mg/L
Marine water		0.018 mg/L
Marine water sediment		0,065 mg/kg
Marine water sediment		0.065 mg/kg
Predators		111.11 mg/kg
Sewage treatment plant		5000 mg/L
Sewage treatment plant		5,000 mg/L
Soil		0,654 mg/kg
Soil		0.654 mg/kg

Tetrasodium N,N-bis(carboxylatomethyl)-L-glutamate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		9.45 mg/L
Freshwater sediment		4.12 mg/kg
Intermittent release (freshwater)		0.953 mg/L
Intermittent release (marine water)		0.095 mg/L
Marine water		0.945 mg/L
Marine water sediment		0.412 mg/kg
Predators		67 mg/kg

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

Sewage treatment plant		41.2 mg/L
Soil		0.5 mg/kg

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:

Take off contaminated clothing and wash it before reuse.

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:

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	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Nitrile	0.4	> 480	EN374-2, EN16523-1, EN388	
In the event of short termed exposure or low concentrations	Nitrile	1,5	> 30	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:

White

Odour / Odour threshold:

Characteristic

pH:

8.5

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):

100

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:

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

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

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
-------------------	---

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

Species:	Rat, male/female
Route of exposure:	Oral
Test:	LD50
Result:	4100 mg/kg

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/kg

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	> 5000 mg/kg

Product/substance	2-methylisothiazol-3(2H)-one
Species:	Rat
Route of exposure:	Inhalation
Test:	LD50
Result:	1193 mg/kg

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

Skin corrosion/irritation

Product/substance	iT.21 flexdose
Result:	Adverse effect observed (Irritating)

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

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method:	OECD 404
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Causes skin irritation.

Serious eye damage/irritation

Product/substance	iT.21 flexdose
Result:	Adverse effect observed (Causes serious eye damage)

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

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

Causes serious eye damage.

Respiratory sensitisation

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

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

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

Skin sensitisation

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 429
Species:	Mouse
Result:	Adverse effect observed (sensitising)

Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 406
Species:	Guinea pig
Result:	Adverse effect observed (sensitising)

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

Germ cell mutagenicity

Product/substance	Fatty acids, coco, potassium salts
Test method:	OECD 476
Conclusion:	No adverse effect observed

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
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, C10-16-alkyl glycosides
Conclusion:	No adverse effect observed

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

Reproductive toxicity

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Conclusion:	No adverse effect observed

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

STOT-single exposure

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Conclusion:	No adverse effect observed

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

STOT-repeated exposure

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
-------------------	--

Conclusion: No adverse effect observed

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

Aspiration hazard

Product/substance D-Glucopyranose, oligomeric, C10-16-alkyl 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

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

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

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Test method: OECD 201

Species: Algae

Duration: 72 hours

Test: NOEC

Result: 0.95 mg/L

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Test method: OECD 203

Species: Fish

Duration: 96 hours

Test: LC50

Result: 7.1 mg/L

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Test method: OECD 202

Species: Daphnia

Duration: 48 hours

Test: EC50

Result: 7.4 mg/L

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Test method: OECD 201

Species: Algae

Duration: 72 hours

Test: EC50

Result: 27.7 mg/L

Product/substance Alcohols, C12-14, ethoxylated, sulfates, sodium salts

Test method: OECD 203

Species: Fish

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

Duration: 96 hours
Test: LC50
Result: >1 mg/L

Product/substance: Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method: DIN 38412
Species: Andere waterorganismen, Pseudomonas putida
Duration: 16 hours
Test: EC50
Result: > 10000 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: 0,2 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: 0,95 mg/L

Product/substance: Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method: OECD 201
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Test: EC50
Result: 4,4 mg/L

Product/substance: Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method: OECD 210
Species: Fish, Pimephales promelas
Duration: 28 days
Test: EC10
Result: 1,7 mg/L

Product/substance: Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Test method: OECD 211
Species: Daphnia, Daphnia magna
Compartment: Water
Duration: 21 days
Test: NOEC
Result: >1,19 mg/L

Product/substance: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method: OECD 203
Species: Fish, Brachydanio rerio
Duration: 96 hours
Test: LC50
Result: > 1 - < 10 mg/L

Product/substance: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Species: Daphnia magna

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

Compartment: Water
Duration: 48 hours
Test: EC50
Result: > 10 - < 100 mg/L

Product/substance D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method: OECD 201
Species: Desmodesmus subspicatus
Compartment: Water
Duration: 72 hours
Test: EC50
Result: > 10 - < 100 mg/L

Product/substance D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method: DIN 38412
Species: Pseudomonas putida
Compartment: Activated Sludge Plant
Duration: 16 hours
Test: EC0
Result: > 100 mg/L

Product/substance D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method: OECD 204
Species: Fish, Brachydanio rerio
Duration: 28 days
Test: NOEC
Result: > 1 mg/L

Product/substance D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Test method: OECD 202
Species: Daphnia magna
Compartment: Water
Duration: 21 days
Test: EC10
Result: > 1 mg/L

Product/substance 2-methylisothiazol-3(2H)-one
Species: Fish, Oncorhynchus mykiss
Duration: 96 hours
Test: LC50
Result: 2,15 mg/L

Product/substance 2-methylisothiazol-3(2H)-one
Species: Daphnia magna
Duration: 48 hours
Test: EC50
Result: 2,9 mg/L

Product/substance 2-methylisothiazol-3(2H)-one
Test method: OECD 202
Species: Daphnia, Daphnia magna
Compartment: Freshwater
Duration: 48 hours
Test: EC50
Result: 0.934 mg/L

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

Product/substance	2-methylisothiazol-3(2H)-one
Species:	Andere waterorganismen
Compartment:	Marine water
Duration:	48 hours
Test:	LC50
Result:	2,98 mg/L
Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 201
Species:	Algae, Pseudokirchneriella subcapitata
Compartment:	Water
Duration:	72 hours
Test:	ErC50
Result:	0.103 mg/L
Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 201
Species:	Algae, Pseudokirchneriella subcapitata
Compartment:	Water
Duration:	72 hours
Test:	NOEC
Result:	0.05 mg/L
Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 201
Species:	Crustacean, Skeletonema costatum
Compartment:	Marine water
Duration:	72 hours
Test:	ErC50
Result:	0.072 mg/L
Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 201
Species:	Crustacean, Skeletonema costatum
Compartment:	Marine water
Duration:	72 hours
Test:	NOEC
Result:	0.072 mg/L
Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 210
Species:	Fish, Oncorhynchus mykiss
Test:	NOEC
Result:	4,93 mg/L
Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 210
Species:	Fish, Pimephales promelas
Test:	NOEC
Result:	2.1 mg/L
Product/substance	2-methylisothiazol-3(2H)-one
Test method:	OECD 211
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC

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

Result: 0.0442 mg/L

Harmful to aquatic life with long lasting effects.

12.2. Persistence and degradability

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Duration:	14 days
Result:	100 %
Conclusion:	Readily biodegradable
Test:	OECD 301 B

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Duration:	28 days
Result:	77 %
Conclusion:	Readily biodegradable
Test:	OECD 301 D

Product/substance	Alcohols, C12-14, ethoxylated, sulfates, sodium salts
Duration:	28 days
Result:	100 %
Conclusion:	Readily biodegradable
Test:	OECD 301 A

Product/substance	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
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 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, C10-16-alkyl glycosides
Conclusion:	Bioaccumulation is not expected

Product/substance	2-methylisothiazol-3(2H)-one
LogKow:	-0.486
Conclusion:	No potential for bioaccumulation

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Endocrine disrupting properties

Product/substance	iT.21 flexdose
Conclusion:	No adverse effect observed

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

12.7. Other adverse effects

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

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 4 - Irritant (skin irritation and eye damage)

HP 14 - Ecotoxic

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	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

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.

Demands for specific education:

No specific requirements.

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

E1 - ENVIRONMENTAL HAZARDS, Qualifying quantity (lower-tier): 100 tonnes / (upper-tier): 200 tonnes

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

≥ 30%

· Non-ionic surfactants

≥15% - <30%

· Soap

< 5%

· Preservation agent (METHYLISOTHIAZOLINONE)

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.

Control of Major Accident Hazards (COMAH) Regulations 2015.

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

H301, Corrosive to the respiratory tract.

H301, Toxic if swallowed.

H311, Toxic in contact with skin.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H317, May cause an allergic skin reaction.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H330, Fatal if inhaled.

H400, Very toxic to aquatic life.

H410, Very toxic to aquatic life with long lasting effects.

H412, Harmful to aquatic life with long lasting effects.

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
EWC = 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 environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The safety data sheet is validated by

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.

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

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