SAFETY DATA SHEET

i.31 autodose ultra

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

1.1. Product identifier

Trade name:
i.31 autodose ultra

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:
07/04/2026

SDS Version:
6.0

Date of previous version:
02/04/2026 (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

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:
Not applicable.

Hazard statement(s):
Not applicable.

Precautionary statement(s):

General:
Not applicable.

Prevention:
Not applicable.

Response:
Not applicable.

Storage:
Not applicable.

Disposal:
Not applicable.

Hazardous substances:
Contains no substances that need to be listed on the label.

Additional labelling:

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:
≥5% - <15%
· Non-ionic surfactants
< 5%
· Anionic surfactants
· Perfumes
· Preservation agent (PHENOXYETHANOL)
· Preservation agent (2-BROMO-2-NITROPROPANE-1,3-DIOL)
· Preservation agent (BENZISOTHIAZOLINONE)

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
ethanol ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6 UK-REACH:	1-3%	Flam. Liq. 2, H225	

	Index No.: 603-002-00-5			
Glycerides, coco mono- and di-, ethoxylated	CAS No.: 68201-46-7 EC No.: 614-376-4 UK-REACH: Index No.:	1-3%		
2-phenoxyethanol	CAS No.: 122-99-6 EC No.: 204-589-7 UK-REACH: Index No.: 603-098-00-9	<1%	Acute Tox. 4, H302 (ATE: 1394.00 mg/kg) Eye Dam. 1, H318 STOT SE 3, H335	
Tri-sodium citrate dihydrate	CAS No.: 6132-04-3 EC No.: 612-118-5 UK-REACH: Index No.:	<1%		
Sodium N-methyl-N-(1-oxotetradecyl)aminoacetate	CAS No.: 30364-51-3 EC No.: 250-151-3 UK-REACH: Index No.:	<1%	Skin Irrit. 2, H315 (SCL: 30.00 %) Eye Dam. 1, H318	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.:	<0.25%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (C ≥ 10.0%) Eye Irrit. 2, H319 (5.0% ≤ C < 10.0%)	
Xanthan gum	CAS No.: 11138-66-2 EC No.: 234-394-2 UK-REACH: Index No.:	<0.1%		
butanone ethyl methyl ketone	CAS No.: 78-93-3 EC No.: 201-159-0 UK-REACH: Index No.: 606-002-00-3	<0.05%	EUH066 Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	[1]
propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 UK-REACH: Index No.: 603-117-00-0	<0.05%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
Linalyl acetate	CAS No.: 115-95-7 EC No.: 204-116-4 UK-REACH: Index No.:	<0.05%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Eye Irrit. 2, H319	[9]
2-phenylethanol	CAS No.: 60-12-8 EC No.: 200-456-2 UK-REACH: Index No.:	<0.05%	Acute Tox. 4, H302 Eye Irrit. 2, H319	
Geranyl acetate	CAS No.: 105-87-3 EC No.: 203-341-5 UK-REACH: Index No.:	<0.01%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Aquatic Chronic 3, H412	
3,7-dimethyloct-6-en-3-ol	CAS No.: 18479-51-1 EC No.: 242-359-8 UK-REACH: Index No.:	<0.01%	Skin Irrit. 2, H315	

Denatonium benzoate	CAS No.: 3734-33-6 EC No.: 223-095-2 UK-REACH: Index No.:	<0.0001%	Acute Tox. 4, H302 Eye Dam. 1, H318 Acute Tox. 4, H332	

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

Other information

[1] European occupational exposure limit.
[9] Identified by EU as a fragrance ingredients, known to cause allergic contact dermatitis (Regulation (EC) No 1223/2009 on cosmetic products)

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:

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.

Eye contact:

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance 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

None known.

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

Treat symptomatically.

Information to medics

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Not applicable.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.
If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:
Carbon oxides (CO / CO2)

5.3. Advice for firefighters

No specific requirements.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

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

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

ethanol ethyl alcohol
Long term exposure limit (8 hours) (ppm): 1000
Long term exposure limit (8 hours) (mg/m^3): 1920

butanone ethyl methyl ketone
Long term exposure limit (8 hours) (ppm): 200
Long term exposure limit (8 hours) (mg/m³): 600
Short term exposure limit (15 minutes) (ppm): 300
Short term exposure limit (15 minutes) (mg/m³): 899
Annotations:
BMVG = Biological Monitoring Guidance Value exists
Sk = Can be absorbed through the skin and lead to systemic toxicity.

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

1,2-benzisothiazol-3(2H)-one

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects - General population	Dermal	0.345 mg/kg
Long term – Systemic effects - General population	Dermal	0.345 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	0.966 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	1.2 mg/m³
Long term – Systemic effects - General population	Inhalation	1.2 mg/m³
Long term – Systemic effects - Workers	Inhalation	6.81 mg/m³
Short term – Local effects - Workers	Inhalation	0.5 mg/L
Long term – Systemic effects - General population	Oral	1.2 mg/kg bw/day

2-phenoxyethanol

Duration:	**Route of exposure:**	**DNEL:**
Long term – Systemic effects	Dermal	10,42 mg/kg bw/day
Long term – Systemic effects - General population	Dermal	20,83 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	34.72 mg/kg bw/day
Long term – Local effects - Workers	Inhalation	5,7 mg/m³
Long term – Local effects - Workers	Inhalation	8,07 mg/m³
Long term – Systemic effects	Inhalation	2,41 mg/m³
Long term – Systemic effects - Workers	Inhalation	5,7 mg/m³
Long term – Systemic effects - Workers	Inhalation	8.07 mg/m³
Long term – Local effects - General population	Oral	9,32 mg/kg bw/day
Short term – Systemic effects	Oral	9,23 mg/kg bw/day

butanone ethyl methyl ketone

Duration:	**Route of exposure:**	**DNEL:**
Long term		200 ppmV
Short term		300 ppmV
Long term – Systemic effects - General population	Dermal	412 mg/kg
Long term – Systemic effects - Workers	Dermal	1,161 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	106 mg/m³

Long term – Systemic effects - Workers	Inhalation	590 mg/m³
Short term – Systemic effects - General population	Inhalation	450 mg/m³
Short term – Systemic effects - Workers	Inhalation	900 mg/m³
Long term – Systemic effects - General population	Oral	31 mg/kg bw/day

ethanol ethyl alcohol

Duration:	**Route of exposure:**	**DNEL:**
Long term		260 mg/m³
Long term – Systemic effects - General population	Dermal	206 mg/kg
Long term – Systemic effects - Workers	Dermal	343 mg/kg
Long term – Systemic effects - General population	Inhalation	114 mg/m³
Long term – Systemic effects - Workers	Inhalation	380 mg/m³
Long term – Systemic effects - Workers	Inhalation	950 mg/m³
Short term – Local effects - General population	Inhalation	950 mg/m³
Short term – Local effects - Workers	Inhalation	1900 mg/m³
Long term – Systemic effects - General population	Oral	87 mg/kg

Linalyl acetate

Duration:	**Route of exposure:**	**DNEL:**
Long term – Local effects - General population	Dermal	236.2 µg/cm²
Long term – Local effects - Workers	Dermal	236.2 µg/cm²
Long term – Systemic effects - General population	Dermal	1.25 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	2.5 mg/kg bw/day
Short term – Local effects - General population	Dermal	236.2 µg/cm²
Short term – Local effects - Workers	Dermal	236.2 µg/cm²
Long term – Systemic effects - General population	Inhalation	0.68 mg/m³
Long term – Systemic effects - Workers	Inhalation	2.75 mg/m³
Long term – Systemic effects - General population	Oral	0.2 mg/kg bw/day

PNEC

1,2-benzisothiazol-3(2H)-one

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		4.03 µg/L
Freshwater sediment		49.9 µg/kg
Intermittent release (freshwater)		1.1 µg/L
Intermittent release (marine water)		110 ng/L
Marine water		0.403 µg/L
Marine water sediment		4.99 µg/kg
Sewage treatment plant		1.03 mg/L
Soil		3 mg/kg

2-phenoxyethanol

Route of exposure:	**Duration of Exposure:**	**PNEC:**

Freshwater		0,943 mg/L
Freshwater sediment		7.2366 mg/kg TG
Intermittent release (freshwater)		3,44 mg/L
Marine water		0.0943 mg/L
Marine water sediment		0,7237 mg/kg
Sewage treatment plant		24,8 mg/L
Sewage treatment plant	Single	36 mg/L
Soil		1,26 mg/kg TG

butanone ethyl methyl ketone

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Soil		22.5 mg/kg

ethanol ethyl alcohol

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0.96 mg/L
Freshwater sediment		3.6 mg/kg
Intermittent release (freshwater)		2.75 mg/L
Marine water		0.79 mg/L
Marine water sediment		2.9 mg/kg
Predators		0.38 g/kg
Predators		0.72 mg/kg
Sewage treatment plant		580 mg/L
Soil		0.63 mg/kg

Linalyl acetate

Route of exposure:	**Duration of Exposure:**	**PNEC:**
Freshwater		0.011 mg/L
Freshwater sediment		0.609 mg/kg
Intermittent release (freshwater)		0.11 mg/L
Marine water		0.001 mg/L
Marine water sediment		0.061 mg/kg
Sewage treatment plant		1 mg/L
Soil		0.115 mg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.
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:

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally:

Use only UKCA marked protective equipment.

Respiratory Equipment:

Type	Class	Colour	Standards	
No special when used as intended.				

Skin protection:

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

▼*Hand protection:*

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
No special when used as intended	-	-	-	

▼*Eye protection:*

Work situation	Type	Standards	
	No special when used as intended.	-	
Upon risk of splashes (e.g. during transfer).	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:

Of perfume

pH:

ca. 5,8

Density (g/cm³):
1.02 (20 °C)

Kinematic viscosity:
50 mPa.s (20 °C)

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:
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	2-phenoxyethanol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	1840 mg/kg

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Result:	>5000 mg/kg

Product/substance	2-phenoxyethanol
Species:	Rabbit, male/female
Route of exposure:	Dermal
Test:	LD50
Result:	>2214 mg/kg

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	500 mg/kg

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>300 -2000 mg/kg

Product/substance	1,2-benzisothiazol-3(2H)-one
Result:	300,03 mg/kg

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

Skin corrosion/irritation

Product/substance	ethanol ethyl alcohol
Test method:	OECD 404

Species:	Rabbit
Result:	No adverse effect observed (Not irritating)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Corrosive)

Product/substance	2-phenoxyethanol
Test method:	OECD 404
Species:	Rabbit
Duration:	4 hours
Result:	No adverse effect observed (Not irritating)

Product/substance	butanone ethyl methyl ketone
Species:	Rabbit
Result:	Adverse effect observed (Moderately irritating)

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method:	OECD 404
Result:	Adverse effect observed (Irritating)

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Guinea pig
Result:	Adverse effect observed (Highly irritating)

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

Serious eye damage/irritation

Product/substance	ethanol ethyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Irritating)

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	2-phenoxyethanol
Test method:	OECD 405
Species:	Rabbit
Duration:	15 days
Result:	Adverse effect observed (Causes serious eye damage)

Product/substance	butanone ethyl methyl ketone
Species:	Rabbit
Result:	Adverse effect observed (Highly irritating)

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method:	OECD 405
Result:	Adverse effect observed (Causes serious eye damage)

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

Respiratory sensitisation

Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (sensitising)

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

Skin sensitisation

Product/substance	2-phenoxyethanol
Test method:	OECD 406
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method:	OECD 429
Species:	Mouse
Result:	Adverse effect observed (sensitising)

Product/substance	1,2-benzisothiazol-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	ethanol ethyl alcohol
Test method:	OECD 471
Species:	S. typhimurium
Conclusion:	No adverse effect observed

Product/substance	2-phenoxyethanol
Test method:	OECD 471
Species:	S. typhimurium
Description:	20-5000
Conclusion:	No adverse effect observed

Product/substance	butanone ethyl methyl ketone
Test method:	Ames-test
Species:	S. typhimurium
Conclusion:	No adverse effect observed

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

Carcinogenicity

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

Reproductive toxicity

Product/substance	2-phenoxyethanol
Species:	Mouse, male/female
Result:	1875 mg/kg bw

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Symptoms related to the physical, chemical and toxicological characteristics

None known.

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	ethanol ethyl alcohol
Test method:	OECD 203
Species:	Fish, Leuciscus idus
Duration:	48 hours
Test:	LC50
Result:	> 100 mg/L

Product/substance	ethanol ethyl alcohol
Test method:	OECD 202
Species:	Daphnia, Daphnia magna
Duration:	24 hours
Test:	EC50
Result:	> 100 mg/L

Product/substance	ethanol ethyl alcohol
Species:	Algae
Test:	EC50
Result:	> 100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Algae
Duration:	72 hours
Test:	ErC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish
Test:	NOEC
Result:	23 mg/L

Product/substance	2-phenoxyethanol
Species:	Andere waterorganismen
Duration:	30 minutes
Test:	EC50

Result:	>1000 mg/L

Product/substance	2-phenoxyethanol
Species:	Fish, Pimephales promelas
Duration:	96 hours
Result:	344 mg/L

Product/substance	2-phenoxyethanol
Test method:	OECD 202
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	>500 mg/L

Product/substance	2-phenoxyethanol
Test method:	Richtlijn 67/548/EEG, Bijlage V, C.1.
Species:	Algae, Desmodesmus subspicatus
Duration:	72 hours
Result:	625 mg/L

Product/substance	2-phenoxyethanol
Test method:	OECD 211
Species:	Daphnia, Daphnia magna
Test:	NOEC
Result:	9,43 mg/L

Product/substance	2-phenoxyethanol
Species:	Algae
Test:	EC50
Result:	107 mg/kg

Product/substance	2-phenoxyethanol
Test:	EC50
Result:	37 mg/kg

Product/substance	butanone ethyl methyl ketone
Test method:	OECD 203
Species:	Fish, Leuciscus idus
Duration:	48 hours
Test:	LC50
Result:	> 100 mg/L

Product/substance	butanone ethyl methyl ketone
Test method:	OECD 203
Species:	Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	2990 mg/L

Product/substance	butanone ethyl methyl ketone
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	> 100 mg/L

Product/substance	butanone ethyl methyl ketone

Species:	Algae, Desmodesmus subspicatus
Duration:	7 days
Test:	EC50
Result:	> 100 mg/L

Product/substance	butanone ethyl methyl ketone
Test method:	OECD 201
Species:	Pseudokirchneriella subcapitata
Duration:	72 hours
Test:	EC50
Result:	1972 mg/L

Product/substance	bronopol (INN);2-bromo-2-nitropropane-1,3-diol
Duration:	48 hours
Test:	EC50
Result:	1,4 mg/L

Product/substance	bronopol (INN);2-bromo-2-nitropropane-1,3-diol
Species:	Algae
Duration:	72 hours
Test:	ErC50
Result:	0.4-2.8 mg/L

Product/substance	bronopol (INN);2-bromo-2-nitropropane-1,3-diol
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	41.2 mg/L

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>0.1-1 mg/L

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Crustacean
Duration:	48 hours
Test:	EC50
Result:	>0.1-1 mg/L

Product/substance	1,2-benzisothiazol-3(2H)-one
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	>0.1-1 mg/L

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method:	OECD 202
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Result:	2,9 mg/L

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method:	OECD 201

Species:	Algae, Pseudokirchneriella subcapitata
Compartment:	Water
Duration:	72 hours
Test:	ErC50
Result:	0,11 mg/L

Product/substance	1,2-benzisothiazol-3(2H)-one
Test method:	OECD 201
Species:	Algae, Pseudokirchneriella subcapitata
Duration:	72 hours
Test:	NOEC
Result:	0,0403 mg/L

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

12.2. Persistence and degradability

Product/substance	ethanol ethyl alcohol
Duration:	5 days
Result:	> 70 %
Conclusion:	-
Test:	OECD 301 D

Product/substance	2-phenoxyethanol
Result:	>70 %
Conclusion:	Readily biodegradable
Test:	OECD 301 A

Product/substance	2-phenoxyethanol
Compartment:	Activated Sludge Plant
Duration:	28 days
Result:	90 %
Conclusion:	Readily biodegradable
Test:	OECD 301 F

Product/substance	2-phenoxyethanol
Compartment:	Activated Sludge Plant
Result:	> 90 %
Conclusion:	Readily biodegradable

Product/substance	butanone ethyl methyl ketone
Duration:	28 days
Result:	98 %
Conclusion:	Readily biodegradable
Test:	OECD 301 D

Product/substance	1,2-benzisothiazol-3(2H)-one
Result:	90%
Conclusion:	Readily biodegradable
Test:	OECD 302

12.3. Bioaccumulative potential

Product/substance	2-phenoxyethanol
BCF:	0.349
LogKow:	1.2
Conclusion:	-

Product/substance	1,2-benzisothiazol-3(2H)-one

BCF:	2
LogKow:	1.45
Conclusion:	Potential for bioaccumulation is low

Product/substance	1,2-benzisothiazol-3(2H)-one
LogKow:	0,7
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 not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code
20 01 30 Detergents other than those mentioned in 20 01 29

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/ADN/RID	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group
** Environmental hazards

Additional information
Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

14.6. Special precautions for user
Not applicable.

14.7. Maritime transport in bulk according to IMO instruments
No data available.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Restrictions for application:
Restricted to professional users.

Demands for specific education:
No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances:
Not applicable.

Regulation on drug precursors:
butanone ethyl methyl ketone is included (Category 3)

UK-REACH, Annex XVII:
ethanol ethyl alcohol is subject to UK-REACH restrictions (entry 40).
butanone ethyl methyl ketone is subject to UK-REACH restrictions (entry 40).

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law:
≥5% - <15%
· Non-ionic surfactants
< 5%
· Anionic surfactants
· Perfumes
· Preservation agent (PHENOXYETHANOL)
· Preservation agent (2-BROMO-2-NITROPROPANE-1,3-DIOL)
· Preservation agent (BENZISOTHIAZOLINONE)

Additional information:
Not applicable.

Sources:
The Health and Safety at Work etc. Act 1974 Regulations 2013.
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.
The Controlled Drugs (Drug Precursors) Regulations 2008.
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
EUH066, Repeated exposure may cause skin dryness or cracking.
H225, Highly flammable liquid and vapour.
H302, Harmful if swallowed.
H315, Causes skin irritation.
H317, May cause an allergic skin reaction.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.

H335, May cause respiratory irritation.
H336, May cause drowsiness or dizziness.
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

Not applicable.

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