

SAFETY DATA SHEET

i.36 easydose (alu-air)

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

1.1. Product identifier

▼ *Trade name:*
i.36 easydose (alu-air)

Unique formula identifier (UFI):
KUA1-PAMG-QNKU-217D

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

Aerosol 3; H229, Pressurised container: May burst if heated.

2.2. Label elements

Hazard pictogram(s):

Not applicable.

Signal word:

Warning

Hazard statement(s):

Pressurised container: May burst if heated. (H229)

Precautionary statement(s):

General:

Not applicable.

Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)

Do not pierce or burn, even after use. (P251)

Response:

Not applicable.

Storage:

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122°F. (P410+P412)

Disposal:

Not applicable.

Hazardous substances:

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

Additional labelling:

UFI: KUA1-PAMG-QNKU-217D

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

< 5%

- Anionic surfactants
- Non-ionic surfactants
- Perfumes
- Preservation agent (PHENOXYETHANOL)

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.

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

3.2. ▼ Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Aluminium oxide	CAS No.: 1344-28-1 EC No.: 215-691-6 UK-REACH: Index No.:	5-10%		
propan-2-ol	CAS No.: 67-63-0 EC No.: 200-661-7 UK-REACH: Index No.: 603-117-00-0	5-10%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	
ethanol ethyl alcohol	CAS No.: 64-17-5 EC No.: 200-578-6 UK-REACH: Index No.: 603-002-00-5	1-3%	Flam. Liq. 2, H225	
Xanthan gum	CAS No.: 11138-66-2 EC No.: 234-394-2 UK-REACH: Index No.:	1-3%		
L-(+)-lactic acid; (2S)-2-hydroxypropanoic acid	CAS No.: 79-33-4 EC No.: 201-196-2 UK-REACH: Index No.: 607-743-00-5	<1%	EUH071 Skin Corr. 1C, H314 Eye Dam. 1, H318	
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	
Sodium N-methyl-N-(1-oxotetradecyl)aminoacetate	CAS No.: 30364-51-3 EC No.: 250-151-3 UK-REACH: Index No.:	<0.25%	Skin Irrit. 2, H315 (SCL: 30.00 %) Eye Dam. 1, H318	
Allyl (3-methylbutoxy)acetate	CAS No.: 67634-00-8 EC No.: 266-803-5 UK-REACH: Index No.:	<0.01%	Acute Tox. 4, H302 Acute Tox. 2, H330 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1)	
3,5,5-trimethylhexyl acetate	CAS No.: 58430-94-7 EC No.: 261-245-9 UK-REACH: Index No.:	<0.01%	Skin Irrit. 2, H315 Aquatic Chronic 2, H411	
Undecan-4-olide	CAS No.: 104-67-6 EC No.: 203-225-4 UK-REACH: Index No.:	<0.01%	Aquatic Chronic 3, H412	
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

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SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

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

Pressurised container. In a fire or if heated, a pressure increase will occur and the container may burst.

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)

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: None

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

Do not pierce or burn, even after use.
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

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.
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

Aluminium oxide

Long term exposure limit (8 hours) (mg/m³): 10(inhalable)/4(respirable)

propan-2-ol

Long term exposure limit (8 hours) (ppm): 400

Long term exposure limit (8 hours) (mg/m³): 999

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

Short term exposure limit (15 minutes) (ppm): 500
Short term exposure limit (15 minutes) (mg/m³): 1250

ethanol ethyl alcohol

Long term exposure limit (8 hours) (ppm): 1000
Long term exposure limit (8 hours) (mg/m³): 1920

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

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/m ³
Long term – Local effects - Workers	Inhalation	8,07 mg/m ³
Long term – Systemic effects	Inhalation	2,41 mg/m ³
Long term – Systemic effects - Workers	Inhalation	5,7 mg/m ³
Long term – Systemic effects - Workers	Inhalation	8,07 mg/m ³
Long term – Local effects - General population	Oral	9,32 mg/kg bw/day
Short term – Systemic effects	Oral	9,23 mg/kg bw/day

Aluminium oxide

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	0,75 mg/m ³
Long term – Local effects - Workers	Inhalation	3 mg/m ³
Long term – Systemic effects - General population	Inhalation	0,75 mg/m ³
Long term – Systemic effects - Workers	Inhalation	3 mg/m ³
Short term – Systemic effects - General population	Inhalation	15,6 mg/m ³
Long term – Systemic effects - General population	Oral	1,32 mg/kg bw/day
Short term – Systemic effects - General population	Oral	6,2 mg/kg bw/day

ethanol ethyl alcohol

Duration:	Route of exposure:	DNEL:
Long term		260 mg/m ³
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/m ³
Long term – Systemic effects - Workers	Inhalation	380 mg/m ³
Long term – Systemic effects - Workers	Inhalation	950 mg/m ³
Short term – Local effects - General population	Inhalation	950 mg/m ³
Short term – Local effects - Workers	Inhalation	1900 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	Oral	87 mg/kg
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propan-2-ol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	319 mg/kg
Long term – Systemic effects - General population	Dermal	319 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	888 mg/kg
Long term – Systemic effects - Workers	Dermal	888 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	89 mg/m ³
Long term – Systemic effects - General population	Inhalation	89 mg/m ³
Long term – Systemic effects - Workers	Inhalation	500 mg/m ³
Long term – Systemic effects - Workers	Inhalation	500 mg/m ³
Short term – Systemic effects - General population	Inhalation	178 mg/m ³
Short term – Systemic effects - Workers	Inhalation	1,000 mg/m ³
Long term – Systemic effects - General population	Oral	26 mg/kg
Long term – Systemic effects - General population	Oral	26 mg/kg bw/day
Short term – Systemic effects - General population	Oral	51 mg/kg bw/day

▼ PNEC

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

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

propan-2-ol

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

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		140,9 mg/L
Freshwater sediment		552 mg/kg
Intermittent release		140,9 mg/L
Marine water		140,9 mg/L
Marine water sediment		552 mg/kg
Predators		160 mg/kg
Sewage treatment plant		2251 mg/L
Soil		28 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:

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

Work situation	Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
In the event of prolonged exposure or high concentrations	Cotton/Nitril	-	> 240	EN374-2, EN16523-1, EN388	

Eye protection:

Type	Standards	
No special when used as intended.	-	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Colour:

White

Odour / Odour threshold:

Of perfume

pH:

ca. 3,4

Density (g/cm³):

1 (20 °C)

Kinematic viscosity:

No data available.

Dynamic viscosity:

ca 1000 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:

No data available.

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	Aluminium oxide
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	> 5 mg/L

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

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Oral
Result:	> 2000 mg/kg

Product/substance	Aluminium oxide
Species:	Rat
Route of exposure:	Dermal
Result:	>2000 mg/kg

Product/substance	propan-2-ol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	propan-2-ol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	propan-2-ol
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>20

Product/substance	propan-2-ol
Route of exposure:	Oral
Test:	LD50
Result:	5849 mg/kg

Product/substance	propan-2-ol
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	5840 mg/kg

Product/substance	propan-2-ol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	12800 mg/kg

Product/substance	propan-2-ol
Route of exposure:	Inhalation
Test:	LC50
Result:	301002 mg/L

Product/substance	propan-2-ol
Species:	Rat
Route of exposure:	Oral
Test:	LD50

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

Result: > 5000 mg/kg

Product/substance: propan-2-ol
Species: Rabbit
Route of exposure: Dermal
Test: LD50
Result: >5000 mg/kg

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

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

▼ Skin corrosion/irritation

Product/substance: propan-2-ol
Test method: OECD 404
Species: Rabbit
Duration: 4 hours

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)

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

▼ Serious eye damage/irritation

Product/substance: Aluminium oxide

Product/substance: propan-2-ol
Species: Rabbit
Result: Adverse effect observed (Irritating)

Product/substance: propan-2-ol

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

Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)

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)

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

▼ Respiratory sensitisation

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

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

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

▼ Skin sensitisation

Product/substance	propan-2-ol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Product/substance	2-phenoxyethanol
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	propan-2-ol
Conclusion:	No adverse effect observed

Product/substance	ethanol ethyl alcohol
Test method:	OECD 471
Conclusion:	No adverse effect observed

Product/substance	2-phenoxyethanol
Test method:	OECD 471
Species:	S. typhimurium
Description:	20-5000
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

Product/substance: propan-2-ol
Route of exposure: Oral

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

propan-2-ol has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. ▼ Toxicity

Product/substance: propan-2-ol
Species: Fish, Goudwinde (*Leuciscus idus*)
Duration: 48 hours
Test: LC50
Result: >100 mg/L

Product/substance: propan-2-ol
Species: Crustacean, *Daphnia magna*
Duration: 48 hours
Test: EC50
Result: >100 mg/L

Product/substance: propan-2-ol
Species: Algae, *Scenedesmus subspicatus*
Duration: 72 hours
Test: EC50
Result: >100 mg/L

Product/substance: propan-2-ol
Species: Fish
Test: LC50
Result: 10000 mg/L

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

Product/substance	propan-2-ol
Species:	Daphnia, Daphnia magna
Duration:	24 hours
Test:	LC50
Result:	>10000 mg/L
Product/substance	propan-2-ol
Species:	Daphnia, Pimephales promelas
Duration:	96 hours
Test:	LC50
Result:	9640 mg/L
Product/substance	ethanol ethyl alcohol
Test method:	OECD 203
Species:	Fish
Duration:	48 hours
Test:	LC50
Result:	> 100 mg/L
Product/substance	ethanol ethyl alcohol
Test method:	OECD 202
Species:	Daphnia
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

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

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

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

12.2. ▼ Persistence and degradability

Product/substance	propan-2-ol
Duration:	21 days
Result:	95%
Conclusion:	Readily biodegradable
Test:	OECD 301 E

Product/substance	propan-2-ol
Duration:	5 days
Result:	53 %
Conclusion:	Readily biodegradable

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

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

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

12.3. ▼ Bioaccumulative potential

Product/substance	propan-2-ol
BCF:	<100
LogKow:	<3
Conclusion:	-

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

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

	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	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L Tunnel restriction code: 3 (E) See below for additional information.
IMDG	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	No	Limited quantities: 1 L EmS: F-D S-U See below for additional information.
IATA	1950	AEROSOLS	Transport hazard class: 2 Label: 2.2 Classification code: 5A	-	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: None

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.

UK-REACH, Annex XVII:

propan-2-ol is subject to UK-REACH restrictions (entry 40).

ethanol ethyl alcohol 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%

- Anionic surfactants
- Non-ionic surfactants
- Perfumes
- Preservation agent (PHENOXYETHANOL)

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.

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

EUH071, Corrosive to the respiratory tract.

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H330, Fatal if inhaled.

H332, Harmful if inhaled.

H335, May cause respiratory irritation.

H336, May cause drowsiness or dizziness.

H400, Very toxic to aquatic life.

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

H411, 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

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