

SAFETY DATA SHEET

i.98 industrial degreaser (Alu-Air)

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

1.1. Product identifier

Trade name:

i.98 industrial degreaser (Alu-Air)

Unique formula identifier (UFI):

G8XV-R260-XYDQ-9FWG

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 users.

Uses advised against :

None known.

1.3. Details of the supplier of the safety data sheet

Company and address:

Hygeniq B.V.
Postbus 618
7500 AP Enschede
The Netherlands
+31 53 4282860
+31 53 5393865
www.hygeniq.com

E-mail:

info@hygeniq.com

Revision:

27/02/2025

SDS Version:

1.0

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 112 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:

-

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:

-

Storage:

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

Disposal:

-

Hazardous substances:
None known.

Additional labelling:

UFI: G8XV-R260-XYDQ-9FWG

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

5% - 15%

· Non-ionic surfactants

< 5%

· 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.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
N,N-dimethyldec-9-enamide	CAS No.: 1356964-77-6 EC No.: 806-919-0 UK-REACH: Index No.:	3-5%	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Chronic 3, H412	
isopropyl alcohol	CAS No.: 67-63-0 EC No.: 200-661-7 UK-REACH: Index No.: 603-117-00-0	3-5%	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	

Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)- .omega.-hydroxy-	CAS No.: 160875-66-1 EC No.: 605-233-7 UK-REACH: Index No.:	1-3%	Acute Tox. 4, H302 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	
propylene carbonate	CAS No.: 108-32-7 EC No.: 203-572-1 UK-REACH: Index No.: 607-194-00-1	1-3%	Eye Irrit. 2, H319	
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	
2-aminoethanol;ethanolamine	CAS No.: 141-43-5 EC No.: 205-483-3 UK-REACH: Index No.: 603-030-00-8	<0.25%	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1B, H314 Acute Tox. 4, H332 STOT SE 3, H335 (SCL: 5.00 %) Aquatic Chronic 3, H412	[1]

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.

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:

Nitrogen oxides (NO_x)

Carbon oxides (CO / CO₂)

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

isopropyl alcohol

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

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

Short term exposure limit (15 minutes) (ppm): 500

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

2-aminoethanol;ethanolamine

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m³): 2,5

Short term exposure limit (15 minutes) (ppm): 3

Short term exposure limit (15 minutes) (mg/m³): 7,6

Annotations:

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

2-aminoethanol;ethanolamine

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	1.5 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	3 mg/kg bw/day
Long term – Local effects - General population	Inhalation	280 µg/m ³
Long term – Local effects - General population	Inhalation	0.28 mg/m ³
Long term – Local effects - Workers	Inhalation	510 µg/m ³
Long term – Local effects - Workers	Inhalation	0.51 mg/m ³
Long term – Systemic effects - General population	Inhalation	180 µg/m ³
Long term – Systemic effects - Workers	Inhalation	1 mg/m ³
Long term – Systemic effects - General population	Oral	1.5 mg/kg bw/day

2-phenoxyethanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects	Dermal	10,42 mg/kg
Long term – Systemic effects - General population	Dermal	20,83 mg/kg
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 – 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	Oral	9,23 mg/kg

isopropyl alcohol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	319 mg/kg
Long term – Systemic effects - Workers	Dermal	888 mg/m ³
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 - General population	Oral	26 mg/kg

N,N-dimethyldec-9-enamide

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	2.857 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	5.71 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	10 mg/m ³
Long term – Systemic effects - Workers	Inhalation	40 mg/m ³
Long term – Systemic effects - General population	Oral	2.857 mg/kg bw/day

propylene carbonate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - Workers	Dermal	10 mg/cm ²
Long term – Systemic effects - General population	Dermal	10 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	20 mg/kg bw/day
Long term – Local effects - General population	Inhalation	10 mg/m ³
Long term – Local effects - Workers	Inhalation	20 mg/m ³
Long term – Systemic effects - General population	Inhalation	17.4 mg/m ³
Long term – Systemic effects - Workers	Inhalation	70.53 mg/m ³
Long term – Systemic effects - General population	Oral	10 mg/kg bw/day

PNEC

2-aminoethanol;ethanolamine

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		70 µg/L
Freshwater sediment		357 µg/kg
Intermittent release (freshwater)		28 µg/L
Marine water		7 µg/L
Marine water sediment		35.7 µg/kg
Sewage treatment plant		100 mg/L
Soil		1.29 mg/kg

2-phenoxyethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,943 mg/L
Freshwater sediment		7.2366 mg/kg
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
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isopropyl alcohol

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
Sewage treatment plant		2251 mg/L
Soil		28 mg/kg

N,N-dimethyldec-9-enamide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		28 µg/L
Freshwater sediment		1.541 mg/kg
Intermittent release (freshwater)		28 µg/L
Marine water		2.8 µg/L
Marine water sediment		154 µg/kg
Predators		12.71 mg/kg
Sewage treatment plant		2.12 mg/L
Soil		5.3 mg/kg

propylene carbonate

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		900 µg/L
Intermittent release (freshwater)		9 mg/L
Intermittent release (marine water)		900 µg/L
Marine water		90 µg/L
Sewage treatment plant		7.4 g/L
Soil		810 µg/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	
In the event of prolonged exposure or high concentrations	No special when used as intended	-	-	-	

Eye protection:

Work situation	Type	Standards	
In the event of prolonged exposure or high concentrations	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:

Yellow

Odour / Odour threshold:

Characteristic

pH:

ca. 8.7

Density (g/cm³):

1.01 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C):

No data available.

Softening point/range (°C):

Does not apply to liquids.

Boiling point (°C):

No data available.

Vapour pressure:

No data available.

Relative vapour density:

No data available.

Decomposition temperature (°C):

No data available.

Data on fire and explosion hazards

Flash point (°C):

No data available.

Flammability (°C):

No data available.

Auto-ignition temperature (°C):

No data available.

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

No data available.

Solubility

Solubility in water:

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	N,N-dimethyldec-9-enamide
Test method:	OECD 402

Species: Rat
Route of exposure: Oral
Test: LD50
Result: >5000 mg/kg

Product/substance N,N-dimethyldec-9-enamide
Test method: OECD 403
Species: Rat
Route of exposure: Inhalation
Test: LC50 (vapour)
Result: > 3551 mg/m³ mg/m³

Product/substance N,N-dimethyldec-9-enamide
Test method: OECD 425
Species: Rat
Route of exposure: Oral
Test: LD50
Result: 550 mg/kg

Product/substance N,N-dimethyldec-9-enamide
Route of exposure: Oral
Test: NOAEL
Result: 200 mg/kg bw/day

Product/substance isopropyl alcohol
Species: Rat
Route of exposure: Oral
Test: LD50
Result: >2000 mg/kg

Product/substance isopropyl alcohol
Species: Rabbit
Route of exposure: Dermal
Test: LD50
Result: >2000 mg/kg

Product/substance isopropyl alcohol
Species: Rat
Route of exposure: Inhalation
Test: LC50
Result: >20

Product/substance isopropyl alcohol
Route of exposure: Oral
Test: LD50
Result: 5849 mg/kg

Product/substance isopropyl alcohol
Species: Rat
Route of exposure: Oral
Test: LD50
Result: 5840 mg/kg

Product/substance isopropyl alcohol
Species: Rabbit
Route of exposure: Dermal
Test: LD50
Result: 12800 mg/kg

Product/substance isopropyl alcohol
Route of exposure: Inhalation

Test: LC50
Result: 301002 mg/L

Product/substance: Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-
Test method: OECD 423
Species: Rat
Route of exposure: Oral
Test: LD50
Result: > 300 - 2.000 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-aminoethanol;ethanolamine
Species: Rat
Route of exposure: Oral
Test: LD50
Result: 1089 mg/kg

Product/substance: 2-aminoethanol;ethanolamine
Species: Rat
Route of exposure: Dermal
Test: LD50
Result: 2502 mg/kg

Product/substance: 2-aminoethanol;ethanolamine
Species: Rat
Route of exposure: Intraperitoneal
Test: LC50
Result: > 1.48 mg/L

Skin corrosion/irritation

Product/substance: N,N-dimethyldec-9-enamide
Result: Adverse effect observed (Irritating)

Product/substance: isopropyl alcohol
Test method: OECD 404
Species: Rabbit
Duration: 4 hours

Product/substance: Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-
Test method: OECD 404
Species: Rabbit
Result: Adverse effect observed (Slightly irritating)

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

Serious eye damage/irritation

Product/substance: N,N-dimethyldec-9-enamide
Result: Adverse effect observed (Causes serious eye damage)

Product/substance	isopropyl alcohol
Species:	Rabbit
Result:	Adverse effect observed (Irritating)
Product/substance	isopropyl alcohol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)
Product/substance	Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-
Test method:	OECD 405
Result:	Adverse effect observed (Causes serious eye damage)
Product/substance	2-phenoxyethanol
Result:	Adverse effect observed (Causes serious eye damage)

Respiratory sensitisation

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

Product/substance	2-aminoethanol;ethanolamine
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Skin sensitisation

Product/substance	isopropyl alcohol
Species:	Guinea pig
Result:	No adverse effect observed (not sensitising)

Germ cell mutagenicity

Product/substance	isopropyl alcohol
Conclusion:	No adverse effect observed

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

Product/substance	isopropyl alcohol
Route of exposure:	Oral

Product/substance	2-aminoethanol;ethanolamine
Route of exposure:	Oral
Result:	1.098 mg/kg

Product/substance	2-aminoethanol;ethanolamine
Route of exposure:	Dermal
Result:	1100 mg/kg

Product/substance	2-aminoethanol;ethanolamine
Route of exposure:	Inhalation
Result:	1.5 mg/L

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.

11.2. Information on other hazards

Long term effects

None known.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

isopropyl alcohol has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Product/substance	N,N-dimethyldec-9-enamide
Test method:	OECD 203
Species:	Fish
Duration:	96 hours
Test:	LC50
Result:	>7,5 mg/L

Product/substance	N,N-dimethyldec-9-enamide
Test method:	OECD 202
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	2,8 mg/L

Product/substance	N,N-dimethyldec-9-enamide
Species:	Fish, Daphia
Duration:	21 days
Test:	NOEC
Result:	0,28 mg/L

Product/substance	N,N-dimethyldec-9-enamide
Test method:	OECD 210
Species:	Fish, Danio rerio
Test:	NOEC
Result:	>= 0,71 mg/L

Product/substance	N,N-dimethyldec-9-enamide
Test method:	OECD 201
Species:	Algae
Duration:	96 hours
Test:	EC50
Result:	> 9 mg/L

Product/substance	N,N-dimethyldec-9-enamide
Test method:	OECD 201
Species:	Algae
Duration:	96 hours
Test:	NOEC
Result:	1,1 mg/L

Product/substance	isopropyl alcohol
Species:	Fish, Goudwinde (Leuciscus idus)
Duration:	48 hours
Test:	LC50
Result:	>100 mg/L

Product/substance	isopropyl alcohol
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L
Product/substance	isopropyl alcohol
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	>100 mg/L
Product/substance	Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-
Test method:	OECD 202
Species:	Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	> 100 mg/L
Product/substance	Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-
Test method:	DIN 38412
Species:	Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	> 100 mg/L
Product/substance	Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-
Test method:	DIN 38412
Species:	Algae
Duration:	96 hours
Test:	EC10
Result:	>1 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-aminoethanol;ethanolamine
Species: Fish, Cyprinus carpio
Duration: 96 hours
Test: LC50
Result: 349 mg/L

Product/substance 2-aminoethanol;ethanolamine
Species: Fish, Oryzias latipes
Duration: 28 days
Test: NOEC
Result: 1.2 mg/L

Product/substance 2-aminoethanol;ethanolamine
Species: Fish, Oryzias latipes
Duration: 28 days
Test: NOEC
Result: 3,6 mg/L

Product/substance 2-aminoethanol;ethanolamine
Species: Daphnia, Daphnia magna
Duration: 48 hours
Test: EC50
Result: 65 mg/L

Product/substance 2-aminoethanol;ethanolamine
Species: Daphnia, Daphnia magna
Duration: 21 days
Test: NOEC
Result: 0.85 mg/L

Product/substance 2-aminoethanol;ethanolamine
Species: Algae, Pseudokirchneriella subcapitata
Duration: 72 hours
Test: ErC50
Result: 2,5 mg/L

Product/substance 2-aminoethanol;ethanolamine
Test method: OECD 201
Species: Daphnia, Pseudokirchneriella subcapitata
Duration: 72 hours
Test: NOEC
Result: 1 mg/L

Product/substance 2-aminoethanol;ethanolamine
Species: Bacteria
Test: EC50
Result: >1000 mg/L

12.2. Persistence and degradability

Product/substance N,N-dimethyldec-9-enamide
Result: 63,93%
Conclusion: Readily biodegradable
Test: OECD 301 B

Product/substance isopropyl alcohol
Result: 95%
Conclusion: Readily biodegradable
Test: OECD 301 E

Product/substance	Poly(oxy-1,2-ethanediyl), .alpha.-(2-propylheptyl)-.omega.-hydroxy-
Result:	>60 %
Conclusion:	Readily biodegradable
Test:	OECD 301 B

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

Product/substance	2-aminoethanol;ethanolamine
Duration:	21 days
Result:	>90 %
Conclusion:	Readily biodegradable
Test:	OECD 301 A

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	N,N-dimethyldec-9-enamide
LogKow:	log Kow : 3.17 (OESO 117)
Conclusion:	-

Product/substance	isopropyl alcohol
BCF:	<100
LogKow:	<3
Conclusion:	-

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

Product/substance	2-aminoethanol;ethanolamine
LogKow:	-1.91
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.

EWG 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	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 / 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:

isopropyl 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% - 15%

· Non-ionic surfactants

< 5%

· Preservation agent (PHENOXYETHANOL)

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 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

H225, Highly flammable liquid and vapour.

H302, Harmful if swallowed.

H312, Harmful in contact with skin.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

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
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

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