

SAFETY DATA SHEET

i.2 flexdose ultra

SECTION 1: IDENTIFICATION

1.1. Product identifier

▼ *Trade name:*
i.2 flexdose 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-hygienic B.V.
Lenteweg 15
7532 RV Enschede
Nederland
+31534282860

E-mail:
info@hygeniq.com

SDS date:
3/19/2026

SDS Version:
4.0

Date of previous version:
3/10/2026 (3.0)

1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® ([trriage.webpoisoncontrol.org](https://www.webpoisoncontrol.org)) to get specific guidance for your case
See also section 4 "First aid measures".

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to HCS (29 CFR 1910.1200)

2.2. Label elements

Hazard pictogram(s):
Not applicable.

Signal word:

Not applicable.

Hazard statement(s):

Precautionary statement(s):

General:

Not applicable.

Prevention:

Not applicable.

Response:

Not applicable.

Storage:

Not applicable.

Disposal:

Not applicable.

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
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts	CAS No.: 147170-44-3	3-5%	Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 4.00 %)	[19]
Amides, rape-oil, N-(hydroxyethyl), ethoxylated	CAS No.: 85536-23-8	1-3%	Skin Irrit. 2, H315	
2-phenoxyethanol	CAS No.: 122-99-6	<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	<1%	Skin Irrit. 2, H315 (SCL: 30.00 %) Eye Dam. 1, H318	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

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

Other information

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

SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

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: FIRE-FIGHTING 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

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

No substances are listed with a permissible exposure limit (ref: 29 CFR 1910.1000 TABLE Z-1)

8.2. Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations:

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

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures:

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 protective equipment with a recognized certification mark, e.g. the UL mark.

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	-	-	-	
	Nitril	0.35			

Eye protection:

Work situation	Type	Standards	
	No special when used as intended.	-	
In the event of prolonged exposure or high concentrations	Safety glasses with side shields.	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Color:

Colourless

Odor:

Characteristic

Odor threshold (ppm):

No data available.

pH:

ca. 9.0

Density (g/cm³):

1.04 (20 °C)

Kinematic viscosity:

No data available.

Particle characteristics:

Does not apply to liquids.

Phase changes

Melting point/freezing point (°F):

No data available.

Softening point/range (°F):

Does not apply to liquids.

Boiling point (°F):

No data available.

Vapor pressure:

No data available.

Relative vapor density:

No data available.

Decomposition temperature (°F):

No data available.

Data on fire and explosion hazards

Flash point (°F):

No data available.

Flammability (°F):

No data available.

Auto-ignition temperature (°F):

No data available.

Explosion limits (% 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

Other physical and chemical parameters:

No data available.

Oxidizing properties:

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, including those associated with foreseeable emergencies

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 toxicological effects

▼ Acute toxicity

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method:	OECD 402
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2.000 mg/kg

Product/substance	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method:	OECD 401
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5.000 mg/kg

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 mg/kg

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Species:	Rat
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 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

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

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

Product/substance 2,2',2"-nitrilotriethanol
Species: Rat
Test: LD50
Result: 6400 mg/kg

Product/substance 2,2',2"-nitrilotriethanol
Species: Rabbit
Test: LD50
Result: > 2000 mg/kg

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

▼ **Skin corrosion/irritation**

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method: OECD 404
Species: Rabbit
Result: Adverse effect observed (Slightly irritating)

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Test method: OECD 404
Species: Guinea pig
Result: Adverse effect observed (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 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method: OECD 405
Species: Rabbit
Result: Adverse effect observed (Slightly irritating)

Product/substance 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Result: Adverse effect observed (Causes serious eye damage)

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Result: No adverse effect observed (Not irritating)

Product/substance 2-phenoxyethanol

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

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
 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
 Test method: OECD 406
 Result: No adverse effect observed (not sensitising)

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated
 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 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
 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
 Test method: OECD 471
 Species: Bacteria
 Conclusion: No adverse effect observed

Product/substance
 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
 Test method: OECD 474
 Species: Mouse
 Conclusion: No adverse effect observed

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated
 Species: Bacteria
 Conclusion: No adverse effect observed

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated
 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**

Product/substance

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Conclusion: No adverse effect observed

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

▼ **Reproductive toxicity**

Product/substance

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Conclusion: No adverse effect observed

Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Species:	Rat, male/female
Result:	15-500 mg/kg
Conclusion:	No adverse effect observed

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

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Conclusion: No adverse effect observed

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

▼ **STOT-repeated exposure**

Product/substance

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Conclusion: No adverse effect observed

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

▼ **Aspiration hazard**

Product/substance

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Conclusion: Aspiration hazard not applicable

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

Long term effects

None known.

Other information

2,2',2''-nitrilotriethanol has been classified by IARC as a group 3 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. ▼ Toxicity

Product/substance

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts

Test method: OECD 211

Species: Crustacean, Daphnia magna

Test: NOEC

Result: >0,1-1 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method: OECD 210
Species: Fish, *Oncorhynchus mykiss*
Test: NOEC
Result: >0,1-1 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method: OECD 209
Species: Andere waterorganismen, *Pseudomonas putida*
Test: EC0
Result: >100 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method: OECD 201
Species: Algae, *Desmodesmus subspicatus*
Test: EC50
Result: >1-10 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method: OECD 202
Species: Crustacean, *Daphnia magna*
Test: EC50
Result: >1-10 mg/L

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Test method: OECD 203
Species: Fish, *Pimephales promelas*
Test: LC50
Result: >1-10 mg/L

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Test method: OECD 201
Species: Algae
Compartment: Freshwater
Duration: 72 hours
Test: EC50
Result: 410 mg/L

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Test method: OECD 203
Species: Fish
Compartment: Freshwater
Duration: 96 hours
Test: LC50
Result: 2,9 mg/L

Product/substance Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Test method: OECD 201
Species: Algae
Compartment: Freshwater
Duration: 72 hours

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

Test:	NOEC
Result:	4,9 mg/L
Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Duration:	48 hours
Test:	EC50
Result:	3,8 mg/L
Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Species:	Daphnia, Daphnia magna
Duration:	21 days
Test:	NOEC
Result:	0,4 mg/L
Product/substance	Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Species:	Algae
Duration:	72 hours
Test:	EC50
Result:	410 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

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

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 2,2',2"-nitrilotriethanol
Species: Daphnia, Pimephales promelas
Duration: 96 hours
Test: LC50
Result: 11800 mg/L

Product/substance 2,2',2"-nitrilotriethanol
Species: Daphnia, Ceriodaphnia Dubia
Duration: 48 hours
Test: EC50
Result: 609,9 mg/L

Product/substance 2,2',2"-nitrilotriethanol
Species: Daphnia, Daphnia magna
Duration: 21 days
Test: NOEC
Result: 16 mg/L

Product/substance 2,2',2"-nitrilotriethanol
Species: Algae, Scenedesmus subspicatus
Duration: 72 hours
Test: ErC50
Result: 512 mg/L

Product/substance 2,2',2"-nitrilotriethanol
Test method: OECD 209
Species: Bacteria
Duration: 3 hours
Test: EC50

Result: > 1000 mg/L

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

12.2. ▼ Persistence and degradability

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Conclusion: Readily biodegradable

Product/substance
Amides, rape-oil, N-(hydroxyethyl), ethoxylated
Conclusion: Readily biodegradable

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
2,2',2"-nitrilotriethanol
Duration: 28 days
Result: 97 %
Conclusion: Readily biodegradable
Test: OECD 301 A

Product/substance
2,2',2"-nitrilotriethanol
Duration: 14 days
Result: 89 %
Conclusion: Readily biodegradable
Test: OECD 302 B

12.3. ▼ Bioaccumulative potential

Product/substance
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts
Conclusion: Bioaccumulation is not expected

Product/substance
Amides, rape-oil, N-(hydroxyethyl), ethoxylated
LogKow: 5
Conclusion: High potential for bioaccumulation

Product/substance
2-phenoxyethanol
BCF: 0,349
LogKow: 1.2
Conclusion: -

Product/substance
2,2',2"-nitrilotriethanol

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

BCF: 3,9
LogKow: -2,3
Conclusion: Potential for bioaccumulation is very low

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. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

None of the components are listed

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:
DOT	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

Additional information

Not dangerous goods according to DOT, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. 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

15.2. U.S. Federal regulations

TSCA (the non-confidential portion):

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts is listed

Amides, rape-oil, N-(hydroxyethyl), ethoxylated is listed

2-phenoxyethanol is listed

2,2',2''-nitrilotriethanol is listed

Clean Air Act:

None of the components are listed

EPCRA Section 302:

None of the components are listed

EPCRA Section 304:

None of the components are listed

EPCRA section 313:

None of the components are listed

CERCLA:

None of the components are listed

Hazardous chemical inventory reporting:

This product is not subject to Tier II reporting.

▼ **State regulations**

California / Prop. 65:

None of the components are listed

Massachusetts / Right To Know Act:

None of the components are listed

▼ *New Jersey / Right To Know Act:*

2,2',2''-nitrilotriethanol / Substance number: 4094

—

New York / Right To Know Act:

None of the components are listed

▼ *Pennsylvania / Right To Know Act:*

2,2',2''-nitrilotriethanol is listed

—

15.4. Restrictions for application

Restricted to professional users.

15.5. Demands for specific education

No specific requirements.

15.6. Additional information

Not applicable.

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H335, May cause respiratory irritation.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists
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
CERCLA = Comprehensive Environmental Response Compensation and Liability Act
DOT = Department of Transportation
EINECS = European Inventory of Existing Commercial chemical Substances
EPCRA = Emergency Planning and Community Right-To-Know Act
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
HCIS = Hazardous Chemical Information System
HNOC = Hazards Not Otherwise Classified
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogKow = logarithm of the n-octanol/water coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NFPA = National Fire Protection Association
NIOSH = National Institute for Occupational Safety and Health
OECD = Organisation for Economic Co-operation and Development
OSHA = Occupational Safety and Health Administration
PBT = Persistent, Bioaccumulative and Toxic
RCRA = Resource Conservation and Recovery Act
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SARA = Superfund Amendments and Reauthorization Act
SCL = A specific concentration limit.
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TSCA = The Toxic Substances Control Act
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.

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