Safety Data Sheet

Clareco Hoods

clareco®	According to REACH Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878) Version:5 Version date:22/04/2024 Language:EN

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

1.1. Product identifier

Trade name/designation	:	Clareco Hoods
Article No (user)	:	CR-H20 / CR-H205
UFI	:	QX7M-D3Q8-N001-X4Y4

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	:	Cleaner and Degreaser for Ventilation Ducts
Uses advised against	:	No data available.

1.3. Details of the supplier of the safety data sheet

Supplier	:	Name : Ginox Swiss Kitchen Adress : Route des Châtaigniers 13 | 1816 Chailly-Montreux Phone : +41 (0)848 0848 84 Email : services@ginoxgroup.com

1.4. Emergency Telephone Number

Call 145 to contact the Swiss Toxicological Information Centre or doctor immediately.
United Kingdom: In England and Wales: dial 111 (NHS 111), In Scotland: dial 111 (NHS 24), In Northern Ireland: Contact your local GP or pharmacist during normal hours. During GP Out-of-Hours (www.gpoutofhours.hscni.net/): Belfast HSC Trust, (North & West) 028 9074 4447, (South & East) 028 9079 6220 South Eastern HSC Trust, (North Down & Ards) 028 9182 2344, (Lisburn & Downpatrick) 028 9260 2204, Dalriada Urgent Care (Northern Trust area) 028 2566 3500, Southern HSC Trust 028 3839 9201, Western Urgent Care 028 7186 5195

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Hazards identification

This mixture is not classified as dangerous.

2.2. Label elements

Labelling

Hazard pictograms	-
Signal word	-
Product identifiers	-
Hazard Statements	-
Supplemental Hazard information (EU)	EUH208 - Contains <mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC No. 247-500-7] and 2-methyl-4-isothiazolin-3-one [EC No. 220-239-6] (3:1)>. May produce an allergic reaction.
Precautionary Statements - General	-
Precautionary Statements - Prevention	-

Precautionary Statements - Response	-
Precautionary Statements - Storage	-
Precautionary Statements - Disposal	-

2.3. Other hazards

According to Regulation (EU) 1907/2006, no substance is assessed as PBT or vPvB.
According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substance is known to have endocrine disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

In accordance with the product knowledge, no nanomaterials have been identified.
The mixture does not contain any substances classified as Substances of Very High Concern (SVHC) by the European CHemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table.

Substance	C (%)	Classification	Specific concentration limits	Note
Alcohols, C12-16, ethoxylated (>5 - 15 EO) CAS N°:68551-12-2 EC N°:500-221-7 INDEX N°: REACH N°: exempted, polymer	C< 1.0%	Acute Tox. 4: H302 Eye Dam. 1: H318 Aquatic Chronic 3: H412	-	-
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts CAS N°:97862-59-4 EC N°:308-107-7 INDEX N°: REACH N°: 01-2119488533-30-0011	C< 1.0%	Eye Dam. 1: H318 Aquatic Chronic 3: H412	-	-
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) CAS N°:55965-84-9 EC N°: INDEX N°:613-167-00-5 REACH N°: 01-2120764691-48	C< 0.0015%	Acute Tox. 3: H301 Acute Tox. 2: H310 Skin Corr. 1C: H314 Eye Dam. 1: H318 Skin Sens. 1A: H317 Acute Tox. 2: H330 Aquatic acute 1: H400 (M = 100) Aquatic Chronic 1: H410 (M = 100)	Skin Corr. 1C; H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C <0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 % M=100 M=100	-

3.3. Additional information

Text phrases and H- EUH-: see section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information	:	In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Following inhalation	:	No special measures are necessary.
Following skin contact	:	Wash with soap and water. Change contaminated, saturated clothing.
Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing.
Following ingestion	:	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Self-protection of the first aider	:	First aider: Pay attention to self-protection!.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

Notes for the doctor	:	Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media	:	Foam Extinguishing powder Carbon dioxide (CO2) Water
Unsuitable extinguishing media	:	Not available.

5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Co-ordinate fire-fighting measures to the fire surroundings.
Move undamaged containers from immediate hazard area if it can be done safely.
Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.
Use water spray jet to protect personnel and to cool endangered containers.
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protection equipment.
Remove persons to safety.

6.2. Environmental precautions

Ensure that waste is collected and contained.
Sewers and ducts must be protected against the entry of the product.

6.3. Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal.
Collect in closed and suitable containers for disposal.
Wipe up with absorbent material (eg. cloth, fleece).
Thoroughly clean contaminated areas and objects in accordance with environmental regulations.

6.4. Reference to other sections

Safe handling: see section 7.
Disposal: see section 13.
Personal protection equipment: see section 8.

6.5. Additional information

Not available.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

PROTECTIVE MEASURES

No special measures are necessary.

Advices on general occupational hygiene

Wash hands before breaks and after work.
Remove contaminated, saturated clothing.

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place.
Keep container in upright position in order to prevent leakage.

Advice on joint storage

Keep away from food, drink and animal feedingstuffs.

7.3. Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Substance: Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS N°: 55965-84-9)		
MAK	:	TMW (8 hours): 0.05 mg/m³

Relevant DNELs of components of the mixture

Substance	CAS N°	Endpoint	Threshold level	Protection goal, route of exposure	Use in	Exposure time
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	DNEL	0.02 mg/m³	Human, inhalation	Worker (industry)	Chronic - local effects
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	DNEL	0.04 mg/m³	Human, inhalation	Worker (industry)	Acute - local effects

Relevant PNECs of components of the mixture

Substance	CAS N°	Endpoint	Threshold level	Organism	Environmental Compartment	Exposure time
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	PNEC	3.39 µg/l	Aquatic organisms	Freshwater	short-term (single instance)
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	PNEC	3.39 µg/l	Aquatic organisms	Marine water	short-term (single instance)

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	PNEC	0.23 mg/l	Aquatic organisms	Sewage treatment plant (STP)	short-term (single instance)
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	PNEC	0.027 mg/kg	Aquatic organisms	Freshwater sediment	short-term (single instance)
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	PNEC	0.027 mg/kg	Aquatic organisms	Marine sediment	short-term (single instance)
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)	55965-84-9	PNEC	0.01 mg/kg	Terrestrial organisms	Soil	short-term (single instance)

8.2. Exposure controls

Appropriate engineering controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Personal protection equipment

Eye/face protection	:	Suitable eye protection: No eye protection is generally required.
Skin protection	:	Hand protection**:** No hand protection is generally required. Wash hands thoroughly after handling. Body protection**:** No special measures are necessary.
Respiratory protection	:	Respiratory protection necessary at: No respiratory protection is required.

8.3. Additional information

Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Blue
Odour:	Odourless
Odour threshold:	Not applicable
Melting point/freezing point:	0°C
Initial boiling point and boiling range:	95 - 100°C
Flammability:	The mixture is not flammable
Upper/lower flammability or explosive limits:	The mixture is not flammable
Flash point:	>93°C
Auto-ignition temperature:	Not available
Decomposition temperature:	No decomposition, if the regulations/notes for storage and handling are observed.
pH:	7.4- 7.7
Viscosity:	<10 cSt
Solubility(ies):	Easily soluble in water
Partition coefficient: n-octanol/water (Log KOC):	Not available
Vapour pressure:	Not available
Relative density:	1.00 – 1.01
Vapour density:	Not available
Evaporation rate:	Not available
Explosive properties:	Not explosive
Oxidising properties:	Non-oxidizing
Solubility in other Solvents:	Not available

9.2. Other safety information

VOC content:	0.013%

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No known reactivity.

10.2. Chemical stability

The product is chemically stable when stored at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

Prolonged storage at temperatures above 40°C or in direct light may alter the color of the product.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

10.7. Additional information

Not available

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity

Data for mixture

Species	:	Rat
Sex	:	Not available
Guideline	:	Additivity formula

Subendpoint	Operator	Value	Unit
LD50 (calculated):	>	5000	mg/kg bw

Conclusion	:	The mixture is considered practically non-toxic by the oral route.

Substances

Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)

Species	:	Rat
Sex	:	Not available
Guideline	:	OECD 401

Subendpoint	Operator	Value	Unit
LD50:	≈	500 - 2000	mg/kg bw

Conclusion	:	The substance is considered to have a low toxic potential by the oral route.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)

Species	:	Rat
Sex	:	Not available
Guideline	:	Not available

Subendpoint	Operator	Value	Unit
LD50:	>	5000	mg/kg bw

Conclusion	:	The substance is considered practically non-toxic by the oral route.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

Species	:	Rat
Sex	:	Not available
Guideline	:	OECD 401

Subendpoint	Operator	Value	Unit
LD50:	=	66	mg/kg bw

Conclusion	:	The substance is toxic by the oral route.

Acute skin toxicity

Data for mixture

Species	:	Rabbit
Sex	:	Not available
Guideline	:	Additivity formula
Exposure duration/value	:	Not available
Exposure duration/unit	:	Not available

Subendpoint	Operator	Value	Unit
LD50 (calculated):	>	5000	mg/kg bw

Conclusion	:	The mixture is considered to be practically non-toxic by the dermal route.

Substances

Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)

Species	:	Rat
Sex	:	Not available
Guideline	:	OECD 402
Exposure duration/value	:	Not available
Exposure duration/unit	:	Not available

Subendpoint	Operator	Value	Unit
LD50:	>	2000	mg/kg bw

Conclusion	:	The substance is considered to be practically non toxic by the dermal route.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)

Species	:	Rat
Sex	:	Not available
Guideline	:	Not available
Exposure duration/value	:	Not available
Exposure duration/unit	:	Not available

Subendpoint	Operator	Value	Unit
LD50:	>	5000	mg/kg bw

Species	:	Rabbit
Sex	:	Not available
Guideline	:	Not available
Exposure duration/value	:	Not available
Exposure duration/unit	:	Not available

Subendpoint	Operator	Value	Unit
LD50:	>	5000	mg/kg bw

Conclusion	:	The substance is considered to be practically non toxic by the dermal route.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

Species	:	Not available
Sex	:	Not available
Guideline	:	Not available
Exposure duration/value	:	Not available
Exposure duration/unit	:	Not available

Subendpoint	Operator	Value	Unit
LD50:	>	141	mg/kg bw

Conclusion	:	The substance is fatal by skin contact.

Acute inhalation toxicity

Data for mixture
Mixture has not been tested.

Substances
Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)

Species	:	Rat
Sex	:	Not available
Guideline	:	OECD 403
Route of administration	:	inhalation: vapour
Exposure duration/value	:	4
Exposure duration/unit	:	h

Subendpoint	Results/Sex	Operator	Value	Unit
LC50:	-	>	1.6	mg/L

Conclusion	:	The substance is considered to be practically non toxic by the inhalation route.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance is fatal by inhalation.

Skin corrosion/irritation

Data for mixture
The classification criteria are not met. The mixture is considered non-irritating to the skin.

Substances
Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)
The substance is considered to be not classified as a skin irritant.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance is considered to be not classified as a skin irritant.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance is classified as corrosive to skin.

Serious eye damage/irritation

Data for mixture
The classification criteria are not met. The mixture is considered non-irritating to the eyes.

Substances
Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)
The substance causes serious eye damage.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance causes serious eye damage.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance causes serious eye damage.

Respiratory or skin sensitisation

Data for mixture
The mixture may produce an allergic reaction in case of sensitivity to 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one.

Substances
Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)
The substance is considered not to be a respiratory or skin sensitizer.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance is considered not to be a respiratory or skin sensitizer.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance may cause a skin allergy.

Germ cell mutagenicity

Data for mixture
The classification criteria are not met. The mixture is considered to have no genotoxic potential.

Substances
Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)
The substance is considered to have no genotoxic potential.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance is considered to have no genotoxic potential.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance is considered to have no genotoxic potential.

Carcinogenicity

Data for mixture
The classification criteria are not met. The mixture doesn't induce carcinogenic effects.

Substances
Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)
The substance doesn't induce carcinogenic effects.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance doesn't induce carcinogenic effects.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance doesn't induce carcinogenic effects.

Reproductive toxicity

Data for mixture
The classification criteria are not met. The mixture is not considered to be teratogenic.

Substances
Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)
The substance is not considered to be teratogenic.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance is not considered to be teratogenic.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance is not considered to be teratogenic.

STOT-single exposure

Data for mixture
The classification criteria are not met. The mixture is not classified.

Substances
Alcools, C12-16, éthoxylés (>5 - 15 EO) (CAS: 68551-12-2)
The substance is not classified.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance is not classified.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance is not classified.

STOT-repeated exposure

Data for mixture
The classification criteria are not met. The mixture is not classified.

Substances
Alcools, C12-16, éthoxylés (>5 - 15 EO) (CAS: 68551-12-2)
The substance is not classified.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance is not classified.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance is not classified.

STOT-repeated exposure

Data for mixture
The classification criteria are not met. The mixture is not classified.

Substances
Alcools, C12-16, éthoxylés (>5 - 15 EO) (CAS: 68551-12-2)
The substance is not classified.
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)
The substance is not classified.
reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)
The substance is not classified.

Additional information

Not available

11.2. Information on other hazards

Endocrine disrupting properties:

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substance is known to have endocrine disrupting properties.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Acute aquatic toxicity

Data for mixture

Animals/category	:	Fish
Species	:	Not available
Test duration	:	Not available
Unit	:	Not available
Guideline	:	Not available

Subendpoint	Value	Unit
LC50 (calculated)	> 100	mg/L

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

Substances

Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)

Animals/category	:	Fish
Species	:	Danio rerio
Test duration	:	96
Unit	:	h
Guideline	:	OECD 203

Subendpoint	Value	Unit
LC50:	2.2	mg/L

Animals/category	:	Crustacean
Species	:	Daphnia magna
Test duration	:	48
Unit	:	h
Guideline	:	92/69/EEC

Subendpoint	Value	Unit
EC50	0.39	mg/L

Animals/category	:	Algae
Species	:	Pseudokirchneriella subcapitata.
Test duration	:	72
Unit	:	h
Guideline	:	OECD 201

Subendpoint	Value	Unit
EC50	0.19	mg/L

Animals/category	:	microorganisms
Species	:	Pseudomonas putida.
Test duration	:	16.9
Unit	:	h
Guideline	:	DIN 38412

Subendpoint	Value	Unit
EC50	> 10000	mg/L

Remarks	:	The substance is not classified according to the reference regulation.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)

Animals/category	:	Fish
Species	:	Pimephales promelas
Test duration	:	96
Unit	:	h
Guideline	:	OECD 203

Subendpoint	Value	Unit
LC50:	1.11	mg/L

Animals/category	:	Algae
Species	:	Skeletonema costatum
Test duration	:	72
Unit	:	h
Guideline	:	Not available

Subendpoint	Value	Unit
ErC50:	2.4	mg/L

Animals/category	:	microorganisms
Species	:	Pseudomonas putida
Test duration	:	16
Unit	:	h
Guideline	:	EN ISO 1712

Subendpoint	Value	Unit
EC50	3000	mg/L

Remarks	:	The substance is not classified according to the reference regulation.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

Animals/category	:	Fish
Species	:	Oncorhynchus mykiss
Test duration	:	96
Unit	:	h
Guideline	:	OECD 203

Subendpoint	Value	Unit
LC50:	0.22	mg/L

Animals/category	:	Crustacean
Species	:	Daphnia magna
Test duration	:	48

Unit	:	h
Guideline	:	OECD 202

Subendpoint	Value	Unit
EC50	0.1	mg/L

Animals/category	:	Algae
Species	:	Pseudokirchneriella subcapitata.
Test duration	:	72
Unit	:	h
Guideline	:	OECD 201

Subendpoint	Value	Unit
EC50	0.048	mg/L

Remarks	:	The substance is highly toxic to aquatic organisms.

Chronic aquatic toxicity

Substances

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)

Animals/category	:	Fish
Species	:	Oncorhynchus mykiss
Guideline	:	OECD 210
Exposure duration/value	:	37
Exposure duration/unit	:	days

Subendpoint	Value	Unit
NOEC	0.135	mg/L

Animals/category	:	Crustacean
Species	:	Daphnia magna
Guideline	:	OECD 211
Exposure duration/value	:	21
Exposure duration/unit	:	days

Subendpoint	Value	Unit
NOEC	0.3	mg/L

Remarks	:	The substance is harmful to aquatic organisms, causes long-term adverse effects.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

Animals/category	:	Fish
Species	:	Oncorhynchus mykiss
Guideline	:	OECD 210
Exposure duration/value	:	28
Exposure duration/unit	:	days

Subendpoint	Value	Unit
NOEC:	0.098	mg/L

Animals/category	:	Crustacean
Species	:	Daphnia magna

Guideline	:	OECD 211
Exposure duration/value	:	21
Exposure duration/unit	:	days

Subendpoint	Value	Unit
NOEC:	0.004	mg/L

Remarks	:	The substance is very toxic to aquatic organisms, causing long-term adverse effects.

Chronic terrestrial toxicity

Substances

Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)

Animals/category	:	Plant
Species	:	Triticum aestivum
Guideline	:	OECD 208
Test duration	:	19
Unit	:	day

Subendpoint	Value	Unit
NOEC:	100	mg/kg

Animals/category	:	Plant
Species	:	Brassica alba
Guideline	:	OECD 208
Test duration	:	19
Unit	:	days

Subendpoint	Value	Unit
NOEC:	100	mg/kg

Animals/category	:	Plant
Species	:	Lepidium sativum
Guideline	:	OECD 208
Test duration	:	19
Unit	:	days

Subendpoint	Value	Unit
NOEC:	100	mg/kg

Remarks	:	The substance is not classified according to the reference regulation.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)

Animals/category	:	Plant
Species	:	Brassica alba
Guideline	:	OECD 208
Test duration	:	17
Unit	:	days

Subendpoint	Value	Unit
NOEC	84.4	mg/kg

Remarks	:	The substance is not classified according to the reference regulation.

12.2. Persistence and degradability

Biodegradation

The product has not been tested.

Substances

Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)

Inoculum	:	Not available
Guideline	:	OECD 301F
Test duration	:	28
Unit	:	days

Parameter	Degradation rate	Unit
-	95	%

Remarks	:	The substance is readily biodegradable.

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18 acyl derivs., hydroxides, inner salts (CAS: 97862-59-4)

Inoculum	:	Not available
Guideline	:	OECD 301F
Test duration	:	28
Unit	:	days

Parameter	Degradation rate	Unit
Formation of CO2 (% of theoretical value)	91.6	%

Remarks	:	The substance is readily biodegradable.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

Inoculum	:	Not available
Guideline	:	OECD 301D
Test duration	:	28
Unit	:	days

Parameter	Degradation rate	Unit
DOC-decrease.	> 60	%

Remarks	:	The substance is readily biodegradable.

12.3. Bioaccumulative potential

Bioconcentration factor (BCF)

The product has not been tested.

Substances

Alcohols, C12-16, ethoxylated (>5 - 15 EO) (CAS: 68551-12-2)

Species	:	Pimephales promelas
Guideline	:	Not available
Log kow	:	Not available

Bioconcentration factor (BCF)
12.7 - 237

Remarks	:	The substance has a low bioaccumulation potential.

reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (CAS: 55965-84-9)

Species	:	Not available
Guideline	:	Not available
Log kow	:	≤ 0.71

Bioconcentration factor (BCF)		
3.6		
Remarks	:	The substance has a low bioaccumulation potential.

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

According to Regulation (EU) 1907/2006, no substance is assessed as PBT or vPvB.

12.6. Endocrine disrupting properties

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substance is known to have endocrine disrupting properties.

12.7. Other adverse effects

Not available

12.8. Additional ecotoxicological information

Not available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Waste treatment options

Dispose of waste according to applicable legislation.
Non-contaminated packages must be recycled or disposed of.
Contaminated packing must be completely emptied and can be reused after proper cleaning.
Packing which cannot be properly cleaned must be disposed of.
Dispose of waste according to applicable legislation.

Remark

Consult the appropriate authorities about waste disposal.
The waste is to be kept separate from other types of waste until its disposal.

SECTION 14: TRANSPORT INFORMATION

14.1. UN number

The product is not hazardous according to the applicable transport regulations.

14.2. UN proper shipping name

Not regulated.

14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not regulated.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not regulated.

14.7. Bulk shipping according to IMO instruments

Not regulated.

14.8. Additional information

Not available.

SECTION 15: REGULATORY INFORMATION

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

This SDS has been established in accordance with REACH regulation (EC) No 1907/2006.
This SDS has been established in accordance with CLP CLP Regulation EC No. 1272/2008.

EU legislation
Detergent labelling (EC Regulation No. 648/2004 and 907/2006): < 5% non ionic surfactant, < 5% amphoteric surfactant, enzymes, bacterial cultures, dye, preservation agent (Methylchloroisothiazolinone, Methylisothiazolinone).

National regulations (Germany):
Water hazard class: WGK 1 - slightly hazardous to water

15.2. Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.
For this substance/mixture a chemical safety assessment has been elaborated.
For this mixture, the relevant data of the Substances' Chemical safety assessment are integrated in the sections of the SDS.

15.3. Additional information

Not available

SECTION 16: OTHER INFORMATION

Creation date:	29/06/2018
Version date:	22/04/2024
Printing date:	22/04/2024

16.1. Indication of changes

Supplier contact details has changed.

16.2. Abbreviations and acronyms

CAS: Chemical Abstract Service Number.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods Code.
DPD Dangerous Preparation Directive.
UN number: United Nations number.
No EC: European Commission Number.
ADN/ADNR: Regulations concerning the transport of dangerous substances in barges on the waterways.
ADR/RID: European Agreement concerning the International Carriage of Dangerous Goods by Road/Regulations concerning the international carriage of dangerous goods by rail.
CLP: Classification, labeling and packaging.
VPvB: very persistent and very bioaccumulative substances.

16.3. Key literature references and sources for data

No data available.

16.4. Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification of the mixture is in accordance with the evaluation method described in Regulation (EC) No 1272/2008.
Complies with ATP 18, Regulation (EU) n°2022/692.

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

H301	Acute Tox. 3 ORAL	Toxic if swallowed.
H302	Acute Tox. 4 ORAL	Harmful if swallowed
H310	Acute Tox. 2 DERMAL	Fatal in contact with skin.
H314	Skin Corr. 1C	Causes severe skin burns and eye damage.
H317	Skin Sens. 1A	May cause an allergic skin reaction.
H318	Eye Dam. 1	Causes serious eye damage.
H330	Acute Tox. 2 INHALATION	Fatal if inhaled.
H400	Aquatic Acute 1	Very toxic to aquatic life.
H410	Aquatic Chronic 1	Very toxic to aquatic life with long lasting effects.
H412	Aquatic Chronic 3	Harmful to aquatic life with long lasting effects

16.6. Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet.

16.7. Additional information

Not available

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1.Since the user's working conditions are not known by us, it is the responsibility of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.