Safety Data Sheet

PodOra: Odour Eliminator

InnuScience™	According to Regulation (EC) No. 1907/2006 (amended by Regulation (EU) No. 2020/878) Version:1 Version date:30/09/2022 Language:EN

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

1.1. Product identifier

Trade name/designation	:	**PodOra: Odour Eliminator**
Article No (user)	:	17243
UFI	:	MYQM-Y3GR-700M-PVXE

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

Relevant identified uses	:	Odour eliminator
Uses advised against	:	No data available.

1.3. Details of the supplier of the safety data sheet

Supplier	:	Name: InnuScience Deutschland GmbH Street: Gleiwitzer Straße 5b Postal code/City: 55131 Mainz Country: Germany Telephone: +49 (0) 6131 6964340 Telefax: +49 (0) 6131 6964342 Website: https://innuscience.com/de/ E-mail: info.de@innuscience.com

1.4. Emergency Telephone Number

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

Classification	Hazard statements (H)	
Eye Irrit. 2	H319	Causes serious eye irritation
Skin Irrit. 2	H315	Causes skin irritation

2.2. Label elements

Labelling

Hazard pictograms	
Signal word	**Warning**

Product identifiers	-
Hazard Statements	H319 Causes serious eye irritation. H315 Causes skin irritation.
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	P264 Wash hands thoroughly after handling. P280 Wear protective gloves and eye protection.
Precautionary Statements - Response	P302+P352 IF ON SKIN: Wash with plenty of water and soap. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 If skin irritation occurs: Get medical attention. P337+P313 - If eye irritation persists: Get medical attention. P362+P364 Take off contaminated clothing and wash it before reuse.
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 of the pure substance	Specific concentration limits	Note
Alcohols, C12-14, ethoxylated CAS N°: 68439-50-9 EC N°: 500-213-3 INDEX N°: REACH N°: 01-2119487984-16-0000	15% ≤ C ≤ 20%	Acute Tox. 4: H302 Eye Dam. 1: H318	-	-
2-methylpentane-2,4-diol CAS N°: 107-41-5 EC N°: 203-489-0 INDEX N°: 603-053-00-3 REACH N°:	45% ≤ C ≤ 55%	Skin Irrit. 2:H315 Eye Irrit. 2: H319	-	-
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 plenty of water and soap. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
Following eye contact	:	In case of eye irritation consult an ophthalmologist. Rinse 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 (CO_2) 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.
Contain leaks or spills within cabinets with removable trays.
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).

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

Avoid contact with skin, eyes and clothes.
Wear personal protective clothing (see section 8).

Advices on general occupational hygiene

Provide eye shower and label its location conspicuously.
Remove contaminated, saturated clothing.
Wash hands before breaks and after work.

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

Does not contain substances above concentration limits fixing an occupational exposure limit.

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: Wear eye protection equipment. Recommended eye protection articles: Goggles in accordance with the European standard EN 166.
Skin protection	:	Hand protection: Wear suitable chemical resistant protective gloves conforming to EN ISO 374-1. Nitrile gloves are recommended. Select breakthrough time > 480 min, glove thickness ≥ 0.4 mm.

		Wash hands thoroughly after handling. Body protection: Wear work clothes.
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 in sachet
Colour:	Colourless
Odour:	Floral
Odour threshold:	Not available
Melting point/freezing point:	0°C
Initial boiling point and boiling range:	95 - 100°C
Flammability:	The mixture is not flammable
Lower and upper explosion limit:	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:	7.5- 8.5
Kinematic viscosity:	≤65 cSt
Solubility:	Easily soluble in water
Partition coefficient: n-octanol/water (Log value):	Not available
Vapour pressure:	Not available
Relative density:	0.96 - 0.98
Relative 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 information

Not available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No known reactivity.

10.2. Chemical stability

The product is 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 colour 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	:	Not available

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

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

Substances

Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)

Species	:	Rat
Sex	:	Male
Guideline	:	OECD 401

Subendpoint	Operator	Value	Unit
LD50:	≈	2140	mg/kg body weight

Species	:	Rat
Sex	:	Female
Guideline	:	OECD 401

Subendpoint	Operator	Value	Unit
LD50:	≈	1070	mg/kg body weight

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

2-methylpentane-2,4-diol (CAS: 107-41-5)

Species	:	Rat
Sex	:	Not available
Guideline	:	Not available

Subendpoint	Operator	Value	Unit
LD50:	>	2000	mg/kg body weight

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 body weight

Conclusion	:	The substance is toxic by the oral route.

Acute skin toxicity

Data for mixture

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

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

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

Substances

Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)

The substance may be harmful in contact with skin.

2-methylpentane-2,4-diol (CAS: 107-41-5)

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

Subendpoint	Operator	Value	Unit
LD50:	>	2000	mg/kg body weight

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 body weight

Conclusion	:	The substance is fatal by skin contact.

Acute inhalation toxicity

Data for mixture

Mixture has not been tested.

Substances

2-methylpentane-2,4-diol (CAS: 107-41-5)

The substance is considered to be practically non toxic by inhalation.

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 mixture is considered irritating to the skin.

Substances
Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)
The substance is considered to be not classified as a skin irritant.
2-methylpentane-2,4-diol (CAS: 107-41-5)
The substance is considered to be 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 mixture causes serious eye irritation.

Test type	:	In vitro
Species	:	Chicken eye
Sex	:	Not available
Guideline	:	OECD 438
Type of method	:	Not available
Concentration	:	Not available

Subendpoint	Basis	Time Point	Reversibility
-	-	-	-

Conclusion	:	The mixture is not classified as corrosive to eyes.

Substances
Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)
The substance causes serious eye damage.
2-methylpentane-2,4-diol (CAS: 107-41-5)
The substance causes serious eye irritation.
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 a skin allergic reaction in case of sensitivity to 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one.

Substances
Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)
The substance is not considered to be a skin or respiratory sensitizer.
2-methylpentane-2,4-diol (CAS: 107-41-5)
The substance is not considered to be a skin or respiratory 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, C12-14, ethoxylated (CAS: 68439-50-9)
The substance is considered to have no genotoxic potential.
2-methylpentane-2,4-diol (CAS: 107-41-5)
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, C12-14, ethoxylated (CAS: 68439-50-9)
The substance doesn't induce carcinogenic effects.
2-methylpentane-2,4-diol (CAS: 107-41-5)
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, C12-14, ethoxylated (CAS: 68439-50-9)
The substance was not considered teratogenic.
2-methylpentane-2,4-diol (CAS: 107-41-5)
The substance is not considered 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 teratogenic.

STOT-single exposure

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

Substances
Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)
The substance is not classified.
2-methylpentane-2,4-diol (CAS: 107-41-5)
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
Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)
The substance is not classified.
2-methylpentane-2,4-diol (CAS: 107-41-5)
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.

Aspiration hazard

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

Substances
Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)
The substance is not classified.
2-methylpentane-2,4-diol (CAS: 107-41-5)
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

Based on available data, the classification criteria are not met.
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)	1 - 10	mg/L

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

Substances
Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)

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

Guideline	:	Directive 67/548/EEC, Annex V, C.1.

Subendpoint	Value	Unit
LC50:	2.6	mg/L

Animals/category	:	Crustacean
Species	:	Daphnia magna
Test duration	:	48
Unit	:	h
Guideline	:	Directive 67/548/EEC, Annex V, C.2.

Subendpoint	Value	Unit
EC50	1.2	mg/L

Animals/category	:	Algae
Species	:	Desmodesmus subspicatus
Test duration	:	72
Unit	:	h
Guideline	:	Directive 67/548/EEC, Annex V, C.3.

Subendpoint	Value	Unit
ErC50	3.1	mg/L

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

2-methylpentane-2,4-diol (CAS: 107-41-5)

Animals/category	:	Fish
Species	:	Gambusia affinis
Test duration	:	96
Unit	:	h
Guideline	:	Not available

Subendpoint	Value	Unit
LC50:	> 8510	mg/L

Animals/category	:	Crustacean
Species	:	Ceriodaphnia sp
Test duration	:	48
Unit	:	h
Guideline	:	Not available

Subendpoint	Value	Unit
EC50	2800	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
ErC50	0.048	mg/L

Remarks	:	The substance is highly toxic to aquatic organisms.

Chronic aquatic toxicity

Substances
2-methylpentane-2,4-diol (CAS: 107-41-5)

Animals/category	:	Microorgansim
Species	:	Pseudomonas aeruginosa
Test duration	:	72
Unit	:	h
Guideline	:	Not available

Subendpoint	Value	Unit
NOEC	200	mg/L

Animals/category	:	Algae
Species	:	Selenastrum capricornutum
Guideline	:	Not available
Exposure duration/value	:	Not available
Exposure duration/unit	:	Not available

Subendpoint	Value	Unit
NOEC:	429	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
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.

12.2. Persistence and degradability

Biodegradation

Data for mixture
The product has not been tested.

Substances
Alcohols, C12-14, ethoxylated (CAS: 68439-50-9)

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

Parameter	Degradation rate	Unit
-	86	%

Remarks	:	The substance is readily biodegradable.

2-methylpentane-2,4-diol (CAS: 107-41-5)

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

Parameter	Degradation rate	Unit
O2 consumption	81	%

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)

Data for mixture
The product has not been tested.

Substances
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

Mobility

Data for mixture
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. Waste treatment methods

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

ADR, IMDG, IATA

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

14.1. UN number

Not regulated.

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. Maritime transport in bulk according to IMO instruments

Not regulated.

14.8. Additional information

Not regulated.

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

EU legislation

Detergent labelling (EC Regulation No. 648/2004 and 907/2006): 15-30% non-ionic surfactant, bacterial cultures, perfume, preservative (Methylchloroisothiazolinone, Methylisothiazolinone).

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:	30/09/2022
Version date:	30/09/2022
Printing date:	30/09/2022

16.1. Indication of changes

Not applicable (first edition of the MSDS).

16.2. Abbreviations and acronyms

CAS: Chemical Abstract Service Number.

IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods Code.
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.
H315	Skin Irrit. 2	Causes skin irritation
H317	Skin Sens. 1A	May cause an allergic skin reaction.
H318	Eye Dam. 1	Causes serious eye damage.
H319	Eye Irrit. 2	Causes serious eye irritation
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.

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.