

Product name: TEGO® Wet 580 Terra

SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name:
TEGO® Wet 580 Terra

Chemical name:
Aqueous Rhamnolipid solution

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

Identified uses: Industrial use

Uses advised against: None known.

1.3 Details of the supplier of the safety data sheet

Company Name : Evonik Operations GmbH
Rellinghauser Str. 1-11
45128 Essen
Germany

Telephone : +49 201 173 01
Fax : +49 201 173 3000
E-mail : productsafety-sp@evonik.com

1.4 Emergency telephone number:

24-Hour Health : +49 2365 49 2232
Emergency : +49 2365 49 4423 (Fax)

National Poison Information Service (NPIS)
England, Scotland and Wales: NHS: 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Health Hazards

Serious eye damage Category 1 H318: Causes serious eye damage.

2.2 Label Elements

Product name: TEGO® Wet 580 Terra

Signal Words: Danger

Hazard Statement(s): H318: Causes serious eye damage.

Precautionary Statements
Prevention: P280: Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response: P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310: Immediately call a POISON CENTER or doctor/ physician.

Hazardous ingredients which must be listed on the label:

Rhamnolipids

Supplemental label information

EUH208: Contains (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)). May produce an allergic reaction.

2.3 Other hazards
PBT/vPvB data

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients
Chemical name:

Aqueous Rhamnolipid solution

3.2 Mixtures

Chemical name	Concentration	CAS-No.	EC No.	UK-REACH Registration No.	REACH Registration No.	M-Factor:	Notes
Rhamnolipids	30 - 60%		943-175-7	-	01-212074419 2-60	No data available.	
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and	0.001 - <0.0015%	55965-84-9	911-418-6		01-212076469 1-48	Aquatic Toxicity (Acute): 100; Aquatic Toxicity (Chronic): 100	

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2-methyl-2H-isothiazol-3-one [EC no.220-239-6] (3:1)							
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* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

This substance is listed as SVHC.

Classification

Chemical name	Classification	Notes
Rhamnolipids	Classification: Eye Dam.: 1: H318; Supplemental label information: None known.	None.
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)	Classification: Acute Tox.: 3: H301; Acute Tox.: 2: H310; Acute Tox.: 2: H330; Skin Corr.: 1C: H314; Eye Dam.: 1: H318; Skin Sens.: 1A: H317; Aquatic Acute: 1: H400; Aquatic Chronic: 1: H410; Supplemental label information: EUH071;	Note B

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures
4.1 Description of first aid measures

General information:	Remove contaminated or soaked clothing immediately and dispose of safely.
Inhalation:	fresh air supply, consult a doctor if feeling unwell.
Skin Contact:	In case of contact with skin wash off with soap and water. If skin irritation persists, call a physician.
Eye contact:	In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice
Ingestion:	Call for medical advice immediately; show the container or the label. Thoroughly clean the mouth with water
Personal Protection for First-aid Responders:	No data available.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms:	Risk of serious damage to eyes.
Hazards:	No data available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment:	Treat symptomatically.
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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: foam, carbon dioxide, dry powder, water spray.

Unsuitable extinguishing media: High volume water jet.

5.2 Special hazards arising from the substance or mixture:

In the event of fire the following can be released: - carbon dioxide, carbon monoxide Under certain conditions of combustion traces of other toxic substances cannot be excluded

5.3 Advice for firefighters

Special fire fighting procedures: No specific precautions.

Special protective equipment for firefighters: Do not inhale explosion and/or combustion gases. Use self-contained breathing apparatus and wear protective suit

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment.

6.1.1 For non-emergency personnel:

No data available.

6.1.2 For emergency responders:

No data available.

6.2 Environmental Precautions:

Do not allow to enter drains or waterways Prevent product from getting into subsoil/soil.

6.3 Methods and material for containment and cleaning up:

Take up with absorbent material (eg sand, kieselguhr, universal binder) Dispose of absorbed material in accordance with the regulations.

6.4 Reference to other sections:

For further information on exposure monitoring and disposal see sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures: No data available.

Local/Total ventilation: No data available.

Safe handling advice: Contact with eyes and skin must be avoided Do not inhale gases/vapours/aerosols. Use personal protective equipment. Provide sufficient ventilation and exhaust at the workplace.

Contact avoidance measures: No data available.

7.2 Conditions for safe storage, including any incompatibilities

Safe storage conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Recommended storage temperature: 5 - 25 °C.

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Safe packaging materials: No data available.

7.3 Specific end use(s): No data available.

SECTION 8: Exposure controls/personal protection
8.1 Control Parameters
Occupational Exposure Limits

None of the components have assigned exposure limits.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

DNEL-Values

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
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)	Workers	Eyes	Local effect;	High hazard (no threshold derived)
	General population	Oral	Systemic, short-term; 0.11 mg/kg	Repeated dose toxicity
	General population	Eyes	Local effect;	High hazard (no threshold derived)
	General population	Inhalation	Local, long-term; 0.02 mg/m3	Repeated dose toxicity
	General population	Inhalation	Local, short-term; 0.04 mg/m3	Repeated dose toxicity
	Workers	Inhalation	Local, long-term; 0.02 mg/m3	Repeated dose toxicity
	Workers	Inhalation	Local, short-term; 0.04 mg/m3	Repeated dose toxicity
	General population	Oral	Systemic, long-term; 0.09 mg/kg	Repeated dose toxicity

PNEC-Values

Remarks: PNEC-Values

Critical component	Environmental compartment	PNEC-Values	Remarks
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)	Sewage treatment plant	0.23 mg/l	
	Sediment (freshwater)	0.027 mg/kg	
	Soil	0.01 mg/kg	Soil
	Aquatic (marine water)	3.39 µg/l	
	Aquatic (freshwater)	3.39 µg/l	
	Sediment (marine water)	0.027 mg/kg	

8.2 Exposure controls

Appropriate Engineering Controls: No data available.

Individual protection measures, such as personal protective equipment

Eye/face protection: Safety glasses with side shields

 Hand Protection: Material: gloves made of nitril (NBR)
 Break-through time: > 480 min
 Glove thickness: 0.11 mm

Skin and Body Protection: suitable protective clothing

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Respiratory Protection:	No data available.
Hygiene measures:	When using do not eat, drink or smoke. Wash hands before breaks and immediately after handling the product. Remove soiled or soaked clothing immediately.
Environmental Controls:	The environmental regulations on the control and monitoring of environmental exposures are to be observed.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

Physical state:	liquid
Form:	liquid
Color:	yellowish to brownish
Odor:	Characteristic
Odor Threshold:	No data available.
Freezing point:	Not applicable
Boiling Point:	Not determined.
Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	Not applicable
Explosive limit - lower:	Not applicable
Flash Point:	> 100 °C
Auto-ignition temperature:	No data available.
Decomposition Temperature:	Not expected during handling from practical experience.
pH:	5.6 - 9 at 22 °C Concentration: 100 %

Viscosity

Dynamic viscosity:	not measured
Kinematic viscosity:	No data available.

Solubility(ies)

Solubility in Water:	Soluble
Solubility (other):	Soluble
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	No data available.
Density:	1.11 g/ml
Relative vapor density:	Not determined.

9.2 Other information

Explosive properties:	Not to be expected in view of the structure
Oxidizing properties:	The substance or mixture is not classified as oxidizing.

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Self-ignition:	not to be expected, given the composition employed Not expected during handling from practical experience.
Formation of Flammable Gases:	Not expected during handling from practical experience.
Metal Corrosion:	Not corrosive to metals
Evaporation Rate:	No data available.
Surface tension	No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	see section "Possibility of hazardous reactions".
10.2 Chemical Stability:	The product is stable under normal conditions.
10.3 Possibility of hazardous reactions:	No hazardous reactions with proper storage and handling
10.4 Conditions to avoid:	Unknown
10.5 Incompatible Materials:	Avoid contact with strong oxidants.
10.6 Hazardous Decomposition Products:	None with proper storage and handling.

SECTION 11: Toxicological information

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

Information on likely routes of exposure

Inhalation:	If handled correctly, not a relevant route of exposure. Information on effects are given below.
Skin Contact:	Relevant route of exposure. Information on effects are given below.
Eye contact:	Relevant route of exposure. Information on effects are given below.
Ingestion:	If handled correctly, not a relevant route of exposure. Information on effects are given below.

Acute toxicity (list all possible routes of exposure)

Oral

Product:	Not classified for acute toxicity based on available data.
Components:	
Rhamnolipids	LD 50, Rat, > 5,000 mg/kg, OECD 423
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)	LD 50, Rat, Male, 64 mg/kg, OECD 401

Dermal

Product:	Not classified for acute toxicity based on available data.
Components:	

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Rhamnolipids
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)

Not toxic after single exposure, No data available.
LD 50, Rabbit, Male, 87.12 mg/kg, OECD 402

Inhalation

Product:

Not classified for acute toxicity based on available data.

Components:

Rhamnolipids

Not toxic after single exposure, Vapour, No data available.
Not toxic after single exposure, Dust and mist, No data available.
LC 50, Rat, Female, Male, 4 h, 0.33 mg/l, Dust and mist, OECD 403
Vapour, Not toxic after single exposure, Not applicable

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)

Repeated dose toxicity

Product:

No data available.

Components:

Rhamnolipids

NOEL, Rat, Oral, daily, > 1000 mg/kg

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)

No data available.

Skin Corrosion/Irritation

Product:

No data available.

Components:

Rhamnolipids

Not irritating, OECD 439, Human, reconstructed epidermis (RhE) model
Corrosive.

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)

Serious Eye Damage/Eye Irritation

Product:

No data available.

Components:

Rhamnolipids

Risk of serious damage to eyes., Bovine cornea
Irritating., OECD 438, Chicken, Tested as 10 % solution
Risk of serious damage to eyes., OECD 438, Chicken, Tested as 50 %
solution
Risk of serious damage to eyes.

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)

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Respiratory or Skin Sensitization

Product: No data available.

Components:

Rhamnolipids direct peptide binding assay, OECD 442 C, synthetic peptides, Not a 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) KeratinoSens assay, OECD 442 D, Not a skin sensitizer.

Strong skin sensitizer.

Carcinogenicity

Product: No data available.

Components:

Rhamnolipids No data available.

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) No data available.

Germ Cell Mutagenicity

In vitro

Product: No data available.

Components:

Rhamnolipids Bacterial reverse mutation assay, OECD 471: , negative
Micronucleus test, OECD 487: , negative

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) Ames test, OECD 471: , negative

In vivo

Product: No data available.

Components:

Rhamnolipids No data available.

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) No data available.

Reproductive toxicity

Product: No data available.

Components:

Rhamnolipids Oral

Product name: TEGO® Wet 580 Terra

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) No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Components:

Rhamnolipids No data available.
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) No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Components:

Rhamnolipids No data available.
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) No data available.

Aspiration Hazard

Product: Not classified

Components:

Rhamnolipids No data available.
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) Not classified

11.2 Information on other hazards

Other information

Product: No data available.

SECTION 12: Ecological information

12.1 Toxicity:

Acute hazards to the aquatic environment:

Product name: TEGO® Wet 580 Terra

Fish

Product:	No data available.
Components:	
Rhamnolipids	LC 50, Pimephales promelas, 96 h, 75 mg/l OECD 203, Own study
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)	No data available.

Aquatic Invertebrates

Product:	No data available.
Components:	
Rhamnolipids	EC 50, Daphnia magna, 48 h, > 196 mg/l OECD 202
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)	No data available.

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
Rhamnolipids	ErC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): > 185 mg/l (OECD 201) Own study EC 10 (Algae (Pseudokirchneriella subcapitata), 72 h): > 185 mg/l (OECD 201) Own study
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)	No data available.

Toxicity to microorganisms

Product:	No data available.
Components:	
Rhamnolipids	EC 10, activated sludge, 3 h, 131 mg/l, OECD 209 EC 50, activated sludge, 3 h, > 1,000 mg/l, OECD 209
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)	No data available.

Toxicity to soil dwelling organisms

Product:	No data available.
Components:	
Rhamnolipids	No data available.
Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no.247-500-7] and 2-	No data available.

Product name: TEGO® Wet 580 Terra

methyl-2H-isothiazol-3-one [EC no.220-239-6]
(3:1)

Toxicity to terrestrial organisms

Product: No data available.

Components:

Rhamnolipids No data available.

Reaction mass of: 5- No data available.

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)

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Components:

Rhamnolipids No data available.

Reaction mass of: 5- No data available.

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)

Aquatic Invertebrates

Product: No data available.

Components:

Rhamnolipids EC 10, Daphnia magna, 21 d, 34.27 mg/l, OECD 211, Own study

Reaction mass of: 5- No data available.

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)

Toxicity to Aquatic Plants

Product: No data available.

Components:

Rhamnolipids No data available.

Reaction mass of: 5- No data available.

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)

Toxicity to microorganisms

Product: No data available.

Components:

Rhamnolipids EC 10, activated sludge, 3 h, 131 mg/l, OECD 209

EC 50, activated sludge, 3 h, > 1,000 mg/l, OECD 209

Reaction mass of: 5- No data available.

Product name: TEGO® Wet 580 Terra

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)

Toxicity to soil dwelling organisms

Product: No data available.

Components:

Rhamnolipids No data available.

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)

Toxicity to terrestrial organisms

Product: No data available.

Components:

Rhamnolipids No data available.

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)

12.2 Persistence and Degradability

Biodegradation

Product: 96 %, 14 d, OECD 301 F, The product is easily biodegradable. Values refer to the main component., aerobic
100 %, 28 d, OECD 301 F, The product is easily biodegradable. Values refer to the main component., aerobic
100 %, 42 d, OECD 311, The product is easily biodegradable. Values refer to the main component., anaerobic

Components:

Rhamnolipids 96 %, 14 d, OECD 301 F, The product is easily biodegradable., aerobic
100 %, 28 d, OECD 301 F, The product is easily biodegradable., aerobic
100 %, 42 d, OECD 311, The product is easily biodegradable., anaerobic

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)
The product is easily biodegradable.

BOD/COD Ratio

Product: No data available.

12.3 Bioaccumulative potential

Bioconcentration Factor (BCF)

Product name: TEGO® Wet 580 Terra

Product: No data available.

Components:

Rhamnolipids No data available.

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)

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Components:

Rhamnolipids -0.247, 22 °C, OECD 105, GLP

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)

12.4 Mobility in soil:

Product No data available.

Components:

Rhamnolipids No data available.

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)

12.5 Results of PBT and vPvB assessment:

Product This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Components:

Rhamnolipids No data available.

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)

12.6 Other adverse effects:

Other hazards

Product: Do not allow to enter soil, waterways or waste water canal.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product name: TEGO® Wet 580 Terra

General information:	No data available.
Disposal methods:	Must be brought to an adequate waste treatment facility, in conformity with applicable waste disposal regulations.
Contaminated Packaging:	If empty contaminated containers are recycled or disposed of, the receiver must be informed about possible hazards.

SECTION 14: Transport information

14.1 UN/ID No.

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I: Not applicable

15.2 Chemical safety assessment: No Chemical Safety Assessment has been carried out.

International regulations

Montreal protocol

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol

Not applicable

SECTION 16: Other information

Product name: TEGO® Wet 580 Terra
Abbreviations and acronyms:

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; EIGA - European Industrial Gases Association; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Notes:

Note B	Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid...%'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.
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Key literature references and sources for data: No data available.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 as amended.	Classification procedure
Serious eye damage, Category 1	On basis of test data

Wording of the statements in section 2 and 3

H301	Toxic if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.

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H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
EUH208	Contains (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)). May produce an allergic reaction.

Training information: No data available.

Revision Information Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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