

SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006

Ettore Squeegee Off Concentrate Miracle Glass Cleaner

Version 2.0

Print Date 05.04.2024

Revision date / valid from 05.04.2024

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

1.1. Product identifier

Trade name : Ettore Squeegee Off Concentrate Miracle Glass Cleaner
REACH Status : Each component of the product is either registered or exempted from registration obligations according to REACH Regulation (EC) No 1907/2006

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

Use of the Substance/Mixture : Detergent
Uses advised against : At this moment we have not identified any uses advised against

1.3. Details of the supplier of the safety data sheet

Company : Brenntag N.V.
Nijverheidslaan 38
BE 8540 Deerlijk
Telephone : +32 (0)56 77 6944
Telefax : +32 (0)56 77 5711
E-mail address : info@brenntag.be
Responsible/issuing person : Master Data Administration

Company : Brenntag Nederland B.V.
Donker Duyvisweg 44
NL 3316 BM Dordrecht
Telephone : +31 (0)78 65 44 944
Telefax : +31 (0)78 65 44 919
E-mail address : info@brenntag.nl
Responsible/issuing person : Master Data Administration

1.4. Emergency telephone number

Emergency telephone number :

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Ettore Squeegee Off Concentrate Miracle Glass Cleaner

Classification according to Regulation (EC) No 1272/2008

REGULATION (EC) No 1272/2008			
Hazard class	Hazard category	Target Organs	Hazard statements
Skin irritation	Category 2	---	H315
Serious eye damage	Category 1	---	H318


For the full text of the H-Statements mentioned in this Section, see Section 16.

Most important adverse effects

- Human Health : See section 11 for toxicological information.
- Physical and chemical hazards : See section 9/10 for physicochemical information.
- Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

- Hazard symbols : 
- Signal word : Danger
- Hazard statements : H315 Causes skin irritation.
H318 Causes serious eye damage.
- Precautionary statements
- Prevention : P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.
- Response : P302 + P352 IF ON SKIN: Wash with plenty of water.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Additional Labelling:

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EUH208 Contains benzothiazole-2-thiol. May produce an allergic reaction.

Hazardous components which must be listed on the label:

• Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts

2.3. Other hazards

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components	Amount [%]	Classification (REGULATION (EC) No 1272/2008)	
		Hazard class / Hazard category	Hazard statements
Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts			
CAS-No. : 68891-38-3	>= 20 - < 25	Skin Irrit.2	H315
EC-No. : 500-234-8		Eye Dam.1	H318
EU REACH- : 01-2119488639-16-xxxx		Aquatic Chronic3	H412
Reg. No.		<hr/> specific concentration limit Eye Irrit. 2; H319 5 - < 10 % Eye Dam. 1; H318 >= 10 %	
1,2-benzisothiazol-3(2H)-one			
Index-No. : 613-088-00-6	>= 0,025 - < 0,05	Acute Tox.4 Oral	H302
CAS-No. : 2634-33-5		Skin Irrit.2	H315
EC-No. : 220-120-9		Eye Dam.1	H318
EU REACH- : 01-2120761540-60-xxxx		Skin Sens.1A	H317
Reg. No.		Aquatic Acute1	H400
		<hr/> M-Factor (Acute aquatic toxicity): 1 specific concentration limit Skin Sens. 1; H317 >= 0,05 %	
		<hr/> Acute toxicity estimate	

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Acute oral toxicity: 670 mg/kg
 Acute dermal toxicity:
 2000,01 mg/kg

Remarks : This product contains a biocide, to prevent microbial contamination and microbial degradation. The active biocide substance used for this is bronopol, CAS 52-51-7.

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : Take off all contaminated clothing immediately.

If inhaled : Remove to fresh air. If symptoms persist, call a physician.

In case of skin contact : Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

In case of eye contact : Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible.

If swallowed : Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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

Symptoms : See Section 11 for more detailed information on health effects and symptoms.

Effects : See Section 11 for more detailed information on health effects and symptoms.
 Causes skin irritation. Causes serious eye damage.

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

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : High volume water jet

5.2. Special hazards arising from the substance or mixture

- Specific hazards during firefighting : Incomplete combustion may form toxic pyrolysis products.
- Hazardous combustion products : Carbon monoxide, Carbon dioxide (CO₂)

5.3. Advice for firefighters

- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.
- Further advice : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions : Use personal protective equipment. Keep away unprotected persons. Ensure adequate ventilation. Avoid contact with skin and eyes.

6.2. Environmental precautions

- Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3. Methods and materials for containment and cleaning up

- Methods and materials for containment and cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal.
- : Use mechanical handling equipment. Keep in suitable, closed containers for disposal.
- Further information : Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

- See Section 1 for emergency contact information.
- See Section 8 for information on personal protective equipment.
- See Section 13 for waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

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Advice on safe handling : Keep container tightly closed. Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Further information on storage conditions : Keep tightly closed in a dry and cool place.

Advice on common storage : Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

Specific use(s) : No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other Occupational Exposure Limit Values

(Additional) Information : Contains no substances with occupational exposure limit values.
Contains no substances with occupational exposure limit values.

Component:	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	CAS-No. 68891-38-3
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Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

DNEL	Workers, Long-term - systemic effects, Skin contact	: 2750 mg/kg bw/day
DNEL	Workers, Long-term - systemic effects, Inhalation	: 175 mg/m3
DNEL	Consumers, Long-term - systemic effects, Skin contact	: 1650 mg/kg bw/day

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DNEL		
Consumers, Long-term - systemic effects, Inhalation	:	52 mg/m ³
DNEL		
Consumers, Long-term - systemic effects, Ingestion	:	15 mg/kg bw/day

Predicted No Effect Concentration (PNEC)

Fresh water	:	0,24 mg/l
Marine water	:	0,024 mg/l
Intermittent releases	:	0,071 mg/l
Sewage treatment plant (STP)	:	10000 mg/l
Fresh water sediment	:	5,45 mg/kg dry weight (d.w.)
Marine sediment	:	0,545 mg/kg dry weight (d.w.)
Soil	:	0,946 mg/kg dry weight (d.w.)

Component:	1,2-benzisothiazol-3(2H)-one	CAS-No. 2634-33-5
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Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

DNEL		
Workers, Long-term - systemic effects, Inhalation	:	6,81 mg/m ³
DNEL		
Workers, Long-term - systemic effects, Skin contact	:	0,966 mg/kg bw/day
DNEL		
Consumers, Long-term - systemic effects, Inhalation	:	1,2 mg/m ³
DNEL		
Consumers, Long-term - systemic effects, Skin contact	:	0,345 mg/kg bw/day

Predicted No Effect Concentration (PNEC)

Fresh water	:	4,03 µg/l
Freshwater intermittent releases	:	1,1 µg/l
Marine water	:	0,403 µg/l
Marine water intermittent releases	:	110 ng/L

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Sewage treatment plant (STP)	: 1,03 mg/l
Fresh water sediment	: 49,9 µg/kg d.w.
Marine sediment	: 4,99 µg/kg d.w.
Soil	: 3 mg/kg dry weight (d.w.)

8.2. Exposure controls

Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection

Advice : Required, if exposure limit is exceeded (e.g. OEL).
Respiratory protection complying with EN 141.

Hand protection

Advice : Protective gloves complying with EN 374.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Protective gloves should be replaced at first signs of wear.

Eye protection

Advice : Safety goggles

Skin and body protection

Advice : Wear personal protective equipment.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form	: No data available
Physical state	: liquid
Colour	: blue, clear
Odour	: No data available
Odour Threshold	: No data available

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Freezing point	:	No data available
Boiling point	:	No data available
Flammability	:	No data available
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Self-Accelerating decomposition temperature (SADT)	:	No data available
pH	:	6 - 8 Concentration: 100 %
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Dissolution Rate	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Dispersion Stability	:	No data available
Vapour pressure	:	No data available
Relative density	:	1,040
Density	:	1,035 - 1,045 g/cm ³ (20 °C)
Bulk density	:	No data available
Relative vapour density	:	No data available
Particle characteristics		
No data available		

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9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Advice : May react with strong acids and strong oxidizing agents.

10.2. Chemical stability

Advice : Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : None known.

10.4. Conditions to avoid

Conditions to avoid : Keep away from direct sunlight.Heat sources.

10.5. Incompatible materials

Materials to avoid : Strong acids and oxidizing agents

10.6. Hazardous decomposition products

Hazardous decomposition products : Sulfur oxides.

SECTION 11: Toxicological information

11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

Data for the product	
Acute toxicity	
Oral	
Based on available data, the classification criteria are not met.	
Inhalation	
Based on available data, the classification criteria are not met.	
Dermal	
Based on available data, the classification criteria are not met.	
Irritation	
Skin	
Result	: Causes skin irritation.

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Eyes

Result : Causes serious eye damage.

Sensitisation

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

CMR effects

CMR Properties

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

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

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

Specific Target Organ Toxicity

Single exposure

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

Repeated exposure

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

Other toxic properties

Repeated dose toxicity

No data available

Aspiration hazard

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

Component: Alcohols, C12-14 (even numbered), CAS-No. 68891-38-3
ethoxylated < 2.5 EO, sulfates, sodium salts

Acute toxicity

Oral

LD50 : 4100 mg/kg (Rat) (OECD Test Guideline 401)

Inhalation

No data available

Dermal

LD50 : > 2000 mg/kg (Rat) (OECD Test Guideline 402)Literature value

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Irritation

Skin

Result : (Rabbit; Causes skin irritation.) (OECD Test Guideline 404)

Eyes

Result : Causes serious eye damage. (Rabbit) (OECD Test Guideline 405)

Sensitisation

Result : not sensitizing (Maximisation Test; Guinea pig) (OECD Test Guideline 406)

CMR effects

CMR Properties

Carcinogenicity : In accordance with column 2 of Annex VII - X of Regulation (EC) No 1907/2006, the test for this property of the substance does not need to be conducted.

Mutagenicity : In vitro tests did not show mutagenic effects
In vivo tests did not show mutagenic effects

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

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

Genotoxicity in vitro

Result : negative (Bacterial Reverse Mutation Test) (OECD Test Guideline 471)
negative (In vitro gene mutation study in mammalian cells) (OECD Test Guideline 476)

Genotoxicity in vivo

Result : negative (Mammalian Bone Marrow Chromosomal Aberration Test) (OECD Test Guideline 475)

Teratogenicity

NOAEL : 1.000 mg/kg bw/day
Teratog. (Prenatal Developmental Toxicity Study; Rat)(Oral; 10 Days)(OECD Test Guideline 414)Based on available data, the classification criteria are not met.

Reproductive toxicity

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NOAEL Parent : > 300 mg/kg bw/day
 NOAEL F1 : > 300 mg/kg bw/day
 (Two-generation reproductive toxicity; Rat)(Oral)(OECD Test Guideline 416)Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity

Single exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Repeated dose toxicity

NOAEL : > 225 mg/kg/day
 (Rat)(Oral; 90-day) (OECD Test Guideline 408), Target Organs: Liver, Gastro-intestinal system; Literature value

Aspiration hazard

No aspiration toxicity classification,

Component: 1,2-benzisothiazol-3(2H)-one CAS-No. 2634-33-5

Acute toxicity

Oral

LD50 : 670 mg/kg (Rat, male and female) (OECD Test Guideline 401)

Inhalation

No data available

Dermal

LD50 : > 2000 mg/kg (Rat, male and female) (OECD Test Guideline 402)

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Irritation

Skin

Result : Skin irritation (Rabbit) (EPA OTS 798.4470 (Acute Dermal Irritation))

Eyes

Result : Causes serious eye damage. (OECD Test Guideline 437)

Sensitisation

Result : Causes sensitisation.

CMR effects

CMR Properties

Carcinogenicity : It is not considered carcinogenic.
 Mutagenicity : In vitro tests did not show mutagenic effects
 Reproductive toxicity : No data available

Specific Target Organ Toxicity

Single exposure

Remarks : No data available

Repeated exposure

Remarks : No data available

Other toxic properties

Aspiration hazard

No data available,

11.2. Information on other hazards

Data for the product

Endocrine disrupting properties

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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SECTION 12: Ecological information

12.1. Toxicity

Data for the product

Acute toxicity

Short-term (acute) aquatic hazard

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

Chronic toxicity

Long-term (chronic) aquatic hazard

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

Component: Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts **CAS-No. 68891-38-3**

Acute toxicity

Fish

LC50 : 7,1 mg/l (Danio rerio (zebra fish); 96 h) (flow-through test; OECD Test Guideline 203)

LC50 > 1 - 10 mg/l (Brachydanio rerio) (semi-static test; OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

EC50 : 7,4 mg/l (Daphnia (water flea); 48 h) (static test; OECD Test Guideline 202)

algae

EC50 : 27,7 mg/l (algae; 72 h) (Growth inhibition; OECD Test Guideline 201)

EC50 > 10 - 100 mg/l (Desmodesmus subspicatus (green algae); 72 h) (static test; OECD Test Guideline 201)

Bacteria

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EC10 : > 10000 mg/l (Pseudomonas putida; 16 h) (Cell multiplication inhibition test; ISO 8192)

Chronic toxicity

Long-term (chronic) aquatic hazard

Result : Harmful to aquatic life with long lasting effects.

Fish

NOEC : 1 mg/l (Fish; 45 d)

Aquatic invertebrates

NOEC 0,27 mg/l (Daphnia magna (Water flea); 21 d) (Reproductive toxicity; OECD Test Guideline 211)Literature value

Component: 1,2-benzisothiazol-3(2H)-one CAS-No. 2634-33-5

Acute toxicity

Fish

LC50 : 1,6 mg/l (Oncorhynchus mykiss (rainbow trout); 96 h) (OECD Test Guideline 203)

Toxicity to daphnia and other aquatic invertebrates

EC50 : 2,94 mg/l (Daphnia magna (Water flea); 48 h) (static test; OECD Test Guideline 202)

algae

ErC50 : 0,15 mg/l (Pseudokirchneriella subcapitata; 72 h) (End point: Growth rate; OECD Test Guideline 201)

Bacteria

EC50 : 12,8 mg/l (Activated sludge of a predominantly domestic sewage; 3 h) (OECD Test Guideline 209)

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Soil-Dwelling Organisms

LC50 : > 410,6 mg/kg (Eisenia fetida (earthworms); 14 d) (OECD Test Guideline 207)

Chronic toxicity

Aquatic invertebrates

1,7 mg/l (Daphnia (water flea); 21 d) (End point: Reproduction; OECD Test Guideline 211)

M-Factor

M-Factor (Acute Aquat. Tox.) : 1

12.2. Persistence and degradability

Component:	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	CAS-No. 68891-38-3
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Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : 100 % (Exposure Time: 28 d) Readily biodegradable.

Component:	1,2-benzisothiazol-3(2H)-one	CAS-No. 2634-33-5
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Persistence and degradability

Persistence

Result : No data available

Biodegradability

Result : 63 % (aerobic; activated sludge, adapted; 1 mg/l; Exposure Time: 4 d)(OECD Test Guideline 301C) Readily biodegradable.

Result : 85 % (aerobic; activated sludge, adapted; 1 mg/l; Exposure Time: 63 d)(OECD Test Guideline 301C) Readily biodegradable.

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12.3. Bioaccumulative potential

Component:	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	CAS-No. 68891-38-3
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Bioaccumulation

Result : log Kow 0,3
: BCF: < 3; The product has low potential bioaccumulation.

Component:	1,2-benzisothiazol-3(2H)-one	CAS-No. 2634-33-5
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Bioaccumulation

Result : log Kow 0,7 (20 °C) (Regulation (EC) No. 440/2008, Annex, A.8)
: BCF: 6,62;

12.4. Mobility in soil

Component:	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	CAS-No. 68891-38-3
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Mobility

: Moderately mobile in soils

Component:	1,2-benzisothiazol-3(2H)-one	CAS-No. 2634-33-5
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Mobility

: No data available

Distribution among environmental compartments

Soil : Koc: 9,33, (OECD Test Guideline 121)

12.5. Results of PBT and vPvB assessment

Data for the product

Results of PBT and vPvB assessment

Result : 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.

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Component:	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	CAS-No. 68891-38-3
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Results of PBT and vPvB assessment

Result : Substance is not persistent, bioaccumulative, and toxic (PBT).,
Substance is not very persistent and very bioaccumulative (vPvB).

Component:	1,2-benzisothiazol-3(2H)-one	CAS-No. 2634-33-5
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Results of PBT and vPvB assessment

Result : Substance is not persistent, bioaccumulative, and toxic (PBT).,
Substance is not very persistent and very bioaccumulative (vPvB).

12.6. Endocrine disrupting properties

Data for the product

Endocrine disrupting potential	: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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Component:	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	CAS-No. 68891-38-3
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Endocrine disrupting potential	: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.
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Component:	1,2-benzisothiazol-3(2H)-one	CAS-No. 2634-33-5
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Endocrine disrupting potential	: No information available about endocrine disruption properties for environment.
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12.7. Other adverse effects

Data for the product

Additional ecological information

Result : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

Result :

Component:	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	CAS-No. 68891-38-3
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Additional ecological information

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Result : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

Component:	1,2-benzisothiazol-3(2H)-one	CAS-No. 2634-33-5
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Additional ecological information

Result : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.
- Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.
- European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

Not dangerous goods for ADR, RID, IMDG and IATA.

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

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14.6. Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

Further information for transport:

SECTION 15: Regulatory information

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

Netherlands : ABM: B (4)

Component:	Alcohols, C12-14 (even numbered), ethoxylated < 2.5 EO, sulfates, sodium salts	CAS-No. 68891-38-3
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EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, Annex I : ; The substance/mixture does not fall under this legislation.

Component:	1,2-benzisothiazol-3(2H)-one	CAS-No. 2634-33-5
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EU. Chemicals Subject to PIC Procedure: Regulation 649/2012/EU on export and import of dangerous chemicals, as amended : ; The substance/mixture does not fall under this legislation.

EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation 1907/2006/EC) : Point Nos.: , 3; Listed

EU. Directive 2012/18/EU (SEVESO III) on major accident hazards involving dangerous substances, : Qualifying quantity for the application of Lower-tier requirements: 100 tonnes; Part 1: Categories of dangerous substances; Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

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Annex I

Qualifying quantity for the application of Upper-tier requirements: 200 tonnes; Part 1: Categories of dangerous substances; Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

15.2. Chemical safety assessment

The chemical safety assessment of substances from this mixture has been done.

SECTION 16: Other information

II

Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Full text of the Notes referred to under section 3.

Abbreviations and Acronyms

AU AIICL	Australia. Industrial Chemicals Act (AIIC) List
BCF	bioconcentration factor
BOD	biochemical oxygen demand
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	carcinogenic, mutagenic or toxic to reproduction
COD	chemical oxygen demand
DNEL	derived no-effect level
DSL	Canada. Environmental Protection Act, Domestic Substances List
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
ENCS (JP)	Japan. Kashin-Hou Law List
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
IECSC	China. Inventory of Existing Chemical Substances
INSQ	Mexico. National Inventory of Chemical Substances
ISHL (JP)	Japan. Inventory of Industrial Safety & Health
KECI (KR)	Korea. Existing Chemicals Inventory
LC50	median lethal concentration

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LOAEC	lowest observed adverse effect concentration
LOAEL	lowest observed adverse effect level
LOEL	lowest observed effect level
NDSL	Canada. Environmental Protection Act. Non-Domestic Substances List
NLP	no-longer polymer
NOAEC	no observed adverse effect concentration
NOAEL	no observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
NZIOC	New Zealand. Inventory of Chemicals
OECD	Organisation for Economic Cooperation and Development
OEL	occupational exposure limit
ONT INV	Canada. Ontario Inventory List
PBT	persistent, bioaccumulative and toxic
PHARM (JP)	Japan. Pharmacopoeia Listing
PICCS (PH)	Philippines. Inventory of Chemicals and Chemical Substances
PNEC	predicted no-effect concentration
REACH Auth. No.:	REACH Authorisation Number
REACH AuthAppC. No.	REACH Authorisation Application Consultation Number
UK REACH Auth. No.:	UK REACH Authorisation Number
UK REACH AuthAppC. No.	UK REACH Authorisation Application Consultation Number
UK REACH-Reg.No	UK REACH Registration Number
STOT	specific target organ toxicity
SVHC	substance of very high concern
TCSI	Taiwan. Existing Chemicals Inventory
TH INV	Thailand. Existing Chemicals Inventory from FDA
TSCA	US. Toxic Substances Control Act
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
VN INVL	Vietnam. National Chemical Inventory
vPvB	very persistent and very bioaccumulative

Further information

- Key literature references and sources for data : Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
- Methods used for product classification : The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
- Hints for trainings : The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety

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Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.

Other information :

The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.

The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

|| Indicates updated section.