



Safety Data Sheet

Version: 3
Revision Date: 1/25/2023

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

1.1. Product identifier

Product identifier. 123386
Product name. Urine Contamination Treatment
UFI X4SF-V0K9-S002-HVH3

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

Recommended Use. Professional Carpet Cleaning
Uses advised against. Professional Use Only

1.3. Details of the supplier of the safety data sheet

Supplier. Legend Brands
15180 Josh Wilson Road
Burlington, WA 98233
E-Mail: sds@legendbrands.com
800-932-3030

Legend Brands Europe
22 Plover Close Interchange Park
Newport Pagnell MK069PS UK
+44 (0) 1908 611211

Rust-Oleum Europe
Kolenbergstraat 23
3545 Halen, Belgium

1.4. Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
+1-352-323-3500 (International)

Europe 112
Austria +43 1 406 43 43
Belgium Poison center (BE): +32 70 245 245
Denmark Poison Control Hotline (DK): +45 82 12 12 12
Finland Poison Information Centre (FI):+358 9 471 977
France ORFILA (FR): + 01 45 42 59 59
Germany Poison Center Berlin (DE): +49 030 30686 790 |par Poison Center Nord: +49 551 19240
(24h available English / German)
Ireland National Poisons Information Centre (IE): +353 1 8379964 / + 353 1 8092566
Iceland +354 543 2222
Italy Poison Center, Milan (IT): +39 02 6610 1029
Luxembourg 112
Netherlands National Poisons Information Center (NL): +31 88 755 8000 (NB: this service is only available to health professionals)
Norway Poisons Information (NO):+ 47 22 591300
Portugal Poison Information Center (PT): +351 800 250 250
Spain Poison Information Service (ES): +34 91 562 04 20
Sweden Poisons Information Center (SV):+46 8 33 12 31
Switzerland Poison Center: Tel 145; +41 44 251 51 51
United Kingdom 111 / 0300 020 0155

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Acute Toxicity, Dermal, category 4
Eye Irritation, category 2
Hazardous to the aquatic environment, Chronic, category 2

Skin Irritation, category 2
Skin Sensitizer, category 1

2.2. Label elements



Signal Word

Warning

Hazardous ingredients which must be listed on the label

Contains

MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1), Ethylene glycol monobutyl ether

Possible Hazards

7.8% of the mixture consists of ingredient(s) of unknown acute inhalation toxicity

GHS HAZARD STATEMENTS

H312 Harmful in contact with skin.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.

GHS LABEL PRECAUTIONARY STATEMENTS

P273 Avoid release to the environment.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P362+P364 Take off contaminated clothing and wash it before reuse.
P391 Collect spillage.
P501 Dispose of contents/container to an approved waste disposal plant.

GHS SDS PRECAUTIONARY STATEMENTS

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash face, hands and any exposed skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P321 Specific treatment (If applicable, see any additional instructions on the label).
P332+P313 If skin irritation occurs: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

EMERGENCY OVERVIEW: No Information

SECTION 3: Composition/information on ingredients

3.1. Substances

This product is a mixture. Health hazard information is based on its components.

3.2. Mixtures

Chemical Name	CAS-No.	EC No.	REACH Reg No.	Wt. %
Ethylene glycol monobutyl ether	111-76-2	203-905-0	203-905-0	>=5 - <10
Propylene glycol	57-55-6	200-338-0	No Information	>=1 - <3
GLYCOL ETHER PNB	5131-66-8	225-878-4	01-2119475527-28-XXXX	>=1 - <3
2-(2-BUTOXYETHOXY)ETHANOL	112-34-5	203-961-6	01-2119475104-44-XXXX	>=1 - <3

Dipropylene glycol monomethyl ether	34590-94-8	252-104-2	01-2119450011-60-XXXX	>=1 - <3
methyl salicylate	119-36-8	204-317-7	No Information	<0.5
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2-H-ISOTHIAZOL-3-ONE (3:1)	55965-84-9	No Information	No Information	<0.3
D-limonene	5989-27-5	227-813-5	No Information	<0.1

Chemical Name	Classification (1272/2008/EC)	Specific Conc. Limits, M-factors and ATEs
Ethylene glycol monobutyl ether	Acute Tox. 4 Oral (H302) Acute Tox. 4 Dermal (H312) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319)	ATE oral (mg/kg): 470 ATE dermal (mg/kg): 2000 ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Propylene glycol	Not classified	ATE oral (mg/kg): 20000 mg/kg Rat ATE dermal (mg/kg): 20800 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
GLYCOL ETHER PNB	Acute Tox. 4 Oral (H302) Skin Irrit. 2 (H315) Eye Irrit. 2A (H319)	ATE oral (mg/kg): 1900 mg/kg Rat ATE dermal (mg/kg): >2000 mg/kg Rat
2-(2-BUTOXYETHOXY)ETHANOL	Eye Irrit. 2A (H319)	ATE oral (mg/kg): 5660 mg/kg Rat ATE dermal (mg/kg): 2700 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
Dipropylene glycol monomethyl ether	Not classified	ATE oral (mg/kg): 5400 uL/kg ATE dermal (mg/kg): 9500 mg/kg Rabbit ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
methyl salicylate	Acute Tox. 4 Oral (H302) Skin Sens. 1B (H317) Aquatic Chronic 3 (H412)	ATE oral (mg/kg): 890 mg/kg - rat ATE dermal (mg/kg): 5005 mg/kg ATE inhalation - vapor (mg/l/4h): N.R. ATE inhalation - dust/mist (mg/l/4h): N.R.
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2-H-ISOTHIAZOL-3-ONE (3:1)	Corr. Resp. (EUH071) Acute Tox. 3 Oral (H301) Acute Tox. 2 Dermal (H310) Skin Corr. 1C (H314) Skin Sens. 1A (H317) Acute Tox. 2 Inhalation (H330) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	Eye Irrit. 2; H319: 0.06%<=C<0.6% Skin Corr. 1C; H314: C>=0.6% Skin Irrit. 2; H315: 0.06%<=C<0.6% Skin Sens. 1A; H317: C>=0.0015% Eye Dam. 1; H318: C>=0.6% ATE oral (mg/kg): 53 mg/kg Rat ATE dermal (mg/kg): 87.12 mg/kg Rabbit M-Factors: 100 M-factor chronic: 100
D-limonene	Flam. Liq. 3 (H226) Asp. Tox. 1 (H304) Skin Irrit. 2 (H315) Skin Sens. 1B (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	ATE oral (mg/kg): 5200 mg/kg, 4400 mg/kg Rat ATE dermal (mg/kg): >5000 mg/kg Rabbit M-Factors: 1

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.

Call a physician if irritation develops or persists. When symptoms persist or in all cases of doubt seek medical advice.

Inhalation.

Move to fresh air.

Skin contact.

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.

Eye contact.

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present.

Ingestion.

Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Gently wipe or rinse the inside of the mouth with water.

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

See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3. Indication of any immediate medical attention and special treatment needed**Notes to physician.**

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media**Suitable extinguishing media.**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Extinguishing media which shall not be used for safety reasons.

High volume water jet.

5.2. Special hazards arising from the substance or mixture

No information available.

5.3. Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Use personal protection recommended in Section 8.

As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures**Personal precautions.**

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation, especially in confined areas. Do not breathe vapors or spray mist.

Advice for emergency responders.

Use personal protection recommended in Section 8.

6.2. Environmental precautions

Prevent product from entering drains. See Section 12 for additional Ecological information.

6.3. Methods and material for containment and cleaning up**Methods for Containment.**

Prevent further leakage or spillage if safe to do so. Pick up and transfer to properly labeled containers.

Methods for cleaning up.

Use personal protective equipment as required.

Other information.

No Information

6.4. Reference to other sections

No Information

SECTION 7: Handling and storage

7.1. Precautions for safe handling**Advice on safe handling.**

Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures.

See section 7 for more information.

7.2. Conditions for safe storage, including any incompatibilities**Storage Conditions.**

Keep containers tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)**Specific use(s).**

No Information

Exposure scenario.

No Information Available

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure Limit Values**

Chemical Name	Austria	Belgium	Denmark	European Union.	Finland	France
Ethylene glycol monobutyl ether 111-76-2	STEL: 40 ppm STEL: 200 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	TWA: 20 ppm TWA: 98 mg/m ³	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	STEL: 50 ppm STEL: 250 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 10 ppm TWA: 49 mg/m ³
Propylene glycol 57-55-6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
GLYCOL ETHER PNB 5131-66-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2-(2-BUTOXYETHOXY)ETHANOL 112-34-5	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 10 ppm TWA: 68 mg/m ³	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 67.5 mg/m ³	TWA: 10 ppm TWA: 68 mg/m ³	STEL: 15 ppm STEL: 101.2 mg/m ³ TWA: 10 ppm TWA: 68 mg/m ³
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 100 ppm STEL: 614 mg/m ³ TWA: 50 ppm TWA: 307 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³	TWA: 50 ppm TWA: 309 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³	TWA: 50 ppm TWA: 310 mg/m ³	TWA: 50 ppm TWA: 308 mg/m ³
methyl salicylate 119-36-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1) 55965-84-9	TWA: 0.05 mg/m ³	N.D.	N.D.	N.D.	N.D.	N.D.
D-limonene 5989-27-5	N.D.	N.D.	N.D.	N.D.	STEL: 50 ppm STEL: 280 mg/m ³ TWA: 25 ppm TWA: 140 mg/m ³	N.D.
Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
Ethylene glycol monobutyl ether 111-76-2	STEL: 20 ppm STEL: 98 mg/m ³ TWA: 10 ppm TWA: 49 mg/m ³	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 20 ppm TWA: 100 mg/m ³ TWA: 25 ppm	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	STEL: 50 ppm STEL: 246 mg/m ³ TWA: 20 ppm TWA: 98 mg/m ³	STEL: 246 mg/m ³ TWA: 100 mg/m ³
Propylene glycol 57-55-6	N.D.	N.D.	STEL: 1410 mg/m ³ STEL: 30 mg/m ³ STEL: 450 ppm TWA: 10 mg/m ³ TWA: 150 ppm TWA: 470 mg/m ³	N.D.	N.D.	N.D.

Chemical Name	Germany	Iceland	Ireland	Italy	Luxembourg	Netherlands
GLYCOL ETHER PNB 5131-66-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2-(2- BUTOXYETHOX Y)ETHANOL 112-34-5	STEL: 15 ppm STEL: 100.5 mg/ m3 TWA: 67 mg/m3 TWA: 10 ppm	STEL: 15 ppm STEL: 101.2 mg/ m3 TWA: 10 ppm TWA: 67.5 mg/ m3	STEL: 15 ppm STEL: 101.2 mg/ m3 TWA: 10 ppm TWA: 67.5 mg/ m3	STEL: 15 ppm STEL: 101.2 mg/ m3 TWA: 10 ppm TWA: 67.5 mg/ m3	STEL: 15 ppm STEL: 101.2 mg/ m3 TWA: 10 ppm TWA: 67.5 mg/ m3	STEL: 100 mg/ m3 TWA: 50 mg/m3
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 50 ppm STEL: 310 mg/ m3 TWA: 50 ppm TWA: 310 mg/m3	TWA: 50 ppm TWA: 300 mg/m3	STEL: 150 ppm STEL: 924 mg/ m3 TWA: 50 ppm TWA: 308 mg/m3	TWA: 50 ppm TWA: 308 mg/m3	TWA: 308 mg/m3 TWA: 50 ppm	TWA: 300 mg/m3
methyl salicylate 119-36-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MIXTURE OF 5- CHLORO-2- METHYL-4- ISOTHIAZOLIN-3 -ONE AND 2- METHYL-2 H- ISOTHIAZOL-3- ONE (3:1) 55965-84-9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
D-limonene 5989-27-5	STEL: 20 ppm STEL: 112 mg/ m3 TWA: 5 ppm TWA: 28 mg/m3	N.D.	N.D.	N.D.	N.D.	N.D.
Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
Ethylene glycol monobutyl ether 111-76-2	STEL: 20 ppm STEL: 75 mg/m3 TWA: 10 ppm TWA: 50 mg/m3	STEL: 50 ppm STEL: 246 mg/ m3 TWA: 20 ppm TWA: 98 mg/m3	STEL: 50 ppm STEL: 245 mg/ m3 TWA: 20 ppm TWA: 98 mg/m3	STEL: 50 ppm STEL: 246 mg/ m3 TWA: 10 ppm TWA: 50 mg/m3	STEL: 20 ppm STEL: 98 mg/m3 TWA: 10 ppm TWA: 49 mg/m3	STEL: 50 ppm STEL: 246 mg/ m3 TWA: 25 ppm TWA: 123 mg/m3
Propylene glycol 57-55-6	STEL: 37.5 ppm STEL: 118.5 mg/ m3 TWA: 25 ppm TWA: 79 mg/m3	N.D.	N.D.	N.D.	N.D.	STEL: 450 ppm STEL: 1422 mg/ m3 STEL: 30 mg/m3 TWA: 150 ppm TWA: 474 mg/m3 TWA: 10 mg/m3
GLYCOL ETHER PNB 5131-66-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2-(2- BUTOXYETHOX Y)ETHANOL 112-34-5	STEL: 20 ppm STEL: 102 mg/ m3 TWA: 10 ppm TWA: 68 mg/m3	STEL: 101.2 mg/ m3 STEL: 15 ppm TWA: 10 ppm TWA: 67.5 mg/ m3	STEL: 15 ppm STEL: 101.2 mg/ m3 TWA: 10 ppm TWA: 67.5 mg/ m3	STEL: 15 ppm STEL: 101 mg/ m3 TWA: 10 ppm TWA: 68 mg/m3	STEL: 15 ppm STEL: 101 mg/ m3 TWA: 10 ppm TWA: 67 mg/m3	STEL: 15 ppm STEL: 101.2 mg/ m3 TWA: 10 ppm TWA: 67.5 mg/ m3
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 75 ppm STEL: 375 mg/ m3 TWA: 50 ppm TWA: 300 mg/m3	STEL: 150 ppm TWA: 50 ppm TWA: 308 mg/m3	TWA: 50 ppm TWA: 308 mg/m3	STEL: 75 ppm STEL: 450 mg/ m3 TWA: 50 ppm TWA: 300 mg/m3	STEL: 50 ppm STEL: 300 mg/ m3 TWA: 50 ppm TWA: 300 mg/m3	STEL: 150 ppm STEL: 924 mg/ m3 TWA: 50 ppm TWA: 308 mg/m3
methyl salicylate 119-36-8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
MIXTURE OF 5- CHLORO-2- METHYL-4- ISOTHIAZOLIN-3 -ONE AND 2- METHYL-2 H- ISOTHIAZOL-3- ONE (3:1) 55965-84-9	N.D.	N.D.	N.D.	N.D.	STEL: 0.4 mg/m3 TWA: 0.2 mg/m3	N.D.

Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
D-limonene 5989-27-5	STEL: 37.5 ppm STEL: 175 mg/ m3 TWA: 25 ppm TWA: 140 mg/m3	N.D.	TWA: 30 ppm TWA: 168 mg/m3	N.D.	STEL: 14 ppm STEL: 80 mg/m3 TWA: 7 ppm TWA: 40 mg/m3	N.D.

TWA: Time weighted average

STEL: Short term exposure limit.

Derived No Effect Level (DNEL)

No Information Available

Predicted No Effect Concentration (PNEC)

No Information Available

8.2. Exposure controls

Engineering Measures.

Showers, eyewash stations, and ventilation systems.

Personal protective equipment.

Eye/Face Protection.

Safety glasses with side-shields.

Skin and body protection.

Wear suitable protective clothing.

No Information

Respiratory protection.

In case of insufficient ventilation wear suitable respiratory equipment.

Environmental Exposure Controls.

No Information

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear liquid
Colour	gold
Odour	Floral
Odour Threshold	No Information
pH	7.5
Melting Point, °C	No Information
Flash Point, °C	94
Boiling Range, °C	100 - 1,390
Combustibility	Does not Support Combustion
Vapor Pressure, mmHg	No Information
Vapor density	No Information
Specific Gravity (g/cm3)	1.000
Solubility in water	Soluble in water
Partition Coefficient, n-octanol/water	No Information
Auto-Ignition Temperature, °C	No Information
Decomposition temperature, °C	No Information
Viscosity	No Information

9.2. Other information

Volatile organic compounds (VOC) content. 16%

9.2.1. Information with regard to physical hazard classes

No Information

9.2.2. Other safety characteristics

No Information

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable under normal conditions.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

None known based on information supplied.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known based on information supplied.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

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

Acute toxicity.

Harmful in contact with skin.

Product Information

Oral LD50	Dermal LD50	Inhalation LC50
4,463.00	1,076.00	1,480.00

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral)	4,463.0 mg/kg
ATEmix (dermal)	1,076.0 mg/kg
ATEmix (inhalation-vapor)	1,480.00 mg/l

CAS-No.	Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
111-76-2	Ethylene glycol monobutyl ether	470	2000	N.R.
57-55-6	Propylene glycol	20000 mg/kg Rat	20800 mg/kg Rabbit	N.R.
5131-66-8	GLYCOL ETHER PNB	1900 mg/kg Rat	>2000 mg/kg Rat	N.R.
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	5660 mg/kg Rat	2700 mg/kg Rabbit	N.R.
34590-94-8	Dipropylene glycol monomethyl ether	5400 uL/kg	9500 mg/kg Rabbit	N.R.
119-36-8	methyl salicylate	890 mg/kg - rat	5005 mg/kg	N.R.
55965-84-9	MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2-H-ISOTHIAZOL-3-ONE (3:1)	53 mg/kg Rat	87.12 mg/kg Rabbit	N.R.
5989-27-5	D-limonene	5200 mg/kg, 4400 mg/kg Rat	>5000 mg/kg Rabbit	N.R.

Skin corrosion/irritation.

SKIN IRRITANT.

11.2. Information on other hazards

Endocrine disrupting properties

N.A.

Other information.

N.A.

SECTION 12: Ecological information

12.1. Toxicity

2.59% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Ecotoxicity effects.

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia.
Ethylene glycol monobutyl ether 111-76-2	N.D.	LC50 96 h <i>Lepomis macrochirus</i> 1490 mg/L, LC50 96 h <i>Lepomis macrochirus</i> 2950 mg/L	EC50 48 h <i>Daphnia magna</i> >1000 mg/L
Propylene glycol 57-55-6	EC50 96 h <i>Pseudokirchneriella subcapitata</i> 19000 mg/L	LC50 96 h <i>Oncorhynchus mykiss</i> 51600 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 41 - 47 mL/L, LC50 96 h <i>Pimephales promelas</i> 51400 mg/L, LC50 96 h <i>Pimephales promelas</i> 710 mg/L	EC50 48 h <i>Daphnia magna</i> >1000 mg/L
GLYCOL ETHER PNB 5131-66-8	N.D.	N.D.	N.D.
2-(2-BUTOXYETHOXY) ETHANOL 112-34-5	EC50 96 h <i>Desmodesmus subspicatus</i> >100 mg/L	LC50 96 h <i>Lepomis macrochirus</i> 1300 mg/L	EC50 48 h <i>Daphnia magna</i> >100 mg/L
Dipropylene glycol monomethyl ether 34590-94-8	N.D.	LC50 96 h <i>Pimephales promelas</i> >10000 mg/L	LC50 48 h <i>Daphnia magna</i> 1919 mg/L
methyl salicylate 119-36-8	N.D.	N.D.	N.D.
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1) 55965-84-9	N.D.	N.D.	N.D.
D-limonene 5989-27-5	N.D.	LC50 96 h <i>Pimephales promelas</i> 0.619 - 0.796 mg/L, LC50 96 h <i>Oncorhynchus mykiss</i> 35 mg/L	N.D.

12.2. Persistence and degradability

No data are available on the product itself

12.3. Bioaccumulative potential

Discharge into the environment must be avoided.

CAS-No.	Chemical Name	Bio. Conc. Factor (BCF)	Octanol-water par. Coeff (KOW)
111-76-2	Ethylene glycol monobutyl ether	N.I.	0.81
57-55-6	Propylene glycol	<1	-1.07
5131-66-8	GLYCOL ETHER PNB	N.I.	1.2
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	N.I.	1
34590-94-8	Dipropylene glycol monomethyl ether	N.I.	0.35
119-36-8	methyl salicylate	N.I.	2.55
55965-84-9	MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1)	54 (species: <i>Lepomis macrochirus</i>)	>=-0.32 - <=0.7
5989-27-5	D-limonene	N.I.	4.38

12.4. Mobility in soil

Mobility in soil.

No information available

12.5. Results of PBT and vPvB assessment

No data are available on the product itself

12.6. Endocrine disrupting properties

No information available

12.7. Other adverse effects

No information available

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Waste from residues / unused products.**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging.

No Information

Other information.

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.

SECTION 14: Transport information**ADR**

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

IMDG

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5 Marine Pollutant	No.
Environmental hazards	No.
14.6. Special precautions for user	No Information
14.7. Maritime transport in bulk according to IMO instruments	No Information

IATA

14.1. UN number or ID number	No Information
14.2. UN proper shipping name	Not Regulated
14.3. Transport hazard class(es)	No Information
14.4. Packing group	No Information
14.5. Environmental hazards	No.
14.6. Special precautions for user	No Information

SECTION 15: Regulatory information

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

National regulatory information.

Germany WGK Classification 3

French table of occupational diseases

CAS-No.	Chemical Name	French table of occupational diseases
111-76-2	Ethylene glycol monobutyl ether	RG 84
57-55-6	Propylene glycol	RG 84
5131-66-8	GLYCOL ETHER PNB	RG 84
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	RG 84
34590-94-8	Dipropylene glycol monomethyl ether	RG 84
5989-27-5	D-limonene	RG 84

European Union.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Persistent Organic Pollutants

Not applicable

Authorizations and/or restrictions on use:

CAS-No.	Chemical Name	Substance subject to authorization per REACH Annex XIV	Restricted substance per REACH Annex XVII
111-76-2	Ethylene glycol monobutyl ether	No.	Yes.
5131-66-8	GLYCOL ETHER PNB	No.	Yes.
112-34-5	2-(2-BUTOXYETHOXY)ETHANOL	No.	Yes.
119-36-8	methyl salicylate	No.	Yes.
55965-84-9	MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2 H-ISOTHIAZOL-3-ONE (3:1)	No.	Yes.
5989-27-5	D-limonene	No.	Yes.

EU Substances of Very High Concern

None

International Inventories.

TSCA	Complies
DSL	Complies
EINECS/ELINCS	-
ENCS	-
IECSC	Complies
KECI	-
PICCS	-
AIIC	Complies
NZIoC	-

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory.
DSL	Canadian Domestic Substances List.
EINECS/ELINCS	European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances.
ENCS	Japan Existing and New Chemical Substances.
IECSC	China Inventory of Existing Chemical Substances.
KECL	Korean Existing and Evaluated Chemical Substances.
PICCS	Philippines Inventory of Chemicals and Chemical Substances.
AIIC	Australian Inventory of Industrial Chemicals.
NZIoC	New Zealand Inventory of Chemicals.

15.2. Chemical safety assessment

No.

SECTION 16: Other information

Revision Date	1/25/2023
Indication of changes:	Commission Regulation (EU) 2020/878: amending Annex II by introducing specific requirements regarding nanoforms of substances, adapting to the 6th and 7th revision of the GHS, and adding requirements regarding the Unique Formula Identifier (as set by Annex VIII to Regulation (EC) 1272/2008), endocrine disrupting properties, specific concentration limits, M-factors and acute toxicity estimates.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

EUH071	Corrosive to the respiratory tract.
H226	Flammable liquid and vapor.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H310	Fatal in contact with skin.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

Legend.

N.D.	No data available.
N.I.	No information available.
N.A.	Not Applicable.
N.R.	Not relevant.

This safety datasheet complies with the requirements of Regulation (EC) No. 2020/878

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information 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.