



# Safety Data Sheet

Version: 3  
Revision Date: 12/5/2023

## 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** F23K-R059-000F-N66F

### 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  
800-932-3030

Legend Brands Europe  
Unit 56 Tanners Drive  
Blakelands Industrial Estate  
Milton Keynes  
Buckinghamshire, MK14 5BW  
United Kingdom  
+44 (0) 1908 611 211

Rust-Oleum Europe - N.V. Martin Mathys S.A.  
Kolenbergstraat 23 - 3545 Zelem, Belgium  
+32 (0)13 460 200

**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

Skin Irritation, category 2  
 Eye Irritation, category 2  
 Skin Sensitizer, category 1  
 Hazardous to the aquatic environment, Chronic, category 2

## 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

P102 Keep out of reach of children.  
 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 or 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
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	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. 2 (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. 2 (H319)	ATE oral (mg/kg): 1900 mg/kg Rat ATE dermal (mg/kg): >2000 mg/kg Rat
2-(2-BUTOXYETHOXY)ETHANOL	Eye Irrit. 2 (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.
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	Acute Tox. 4 Oral (H302) Skin Sens. 1B (H317) Repr. 2 (H361D) Aquatic Chronic 3 (H412)	ATE oral (mg/kg): 887 ATE dermal (mg/kg): N.R.
MIXTURE OF 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE AND 2-METHYL-2-H-ISOTHIAZOL-3-ONE (3:1)	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 3 (H412)	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 <sup>3</sup> TWA: 20 ppm TWA: 98 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> TWA: 20 ppm TWA: 98 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 98 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> TWA: 20 ppm TWA: 98 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 250 mg/m <sup>3</sup> TWA: 20 ppm TWA: 98 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 246 mg/m <sup>3</sup> TWA: 10 ppm TWA: 49 mg/m <sup>3</sup>
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 <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 68 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 67.5 mg/m <sup>3</sup>	TWA: 10 ppm TWA: 68 mg/m <sup>3</sup>	STEL: 15 ppm STEL: 101.2 mg/m <sup>3</sup> TWA: 10 ppm TWA: 68 mg/m <sup>3</sup>
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 100 ppm STEL: 614 mg/m <sup>3</sup> TWA: 50 ppm TWA: 307 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 309 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 310 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup>
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER 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 <sup>3</sup>	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 <sup>3</sup> TWA: 25 ppm TWA: 140 mg/m <sup>3</sup>	N.D.

<b>Chemical Name</b>	<b>Germany</b>	<b>Iceland</b>	<b>Ireland</b>	<b>Italy</b>	<b>Luxembourg</b>	<b>Netherlands</b>
Ethylene glycol monobutyl ether 111-76-2	STEL: 20 ppm STEL: 98 mg/m3 TWA: 10 ppm TWA: 49 mg/m3	STEL: 50 ppm STEL: 246 mg/m3 TWA: 20 ppm TWA: 100 mg/m3 TWA: 25 ppm	STEL: 50 ppm STEL: 246 mg/m3 TWA: 20 ppm TWA: 98 mg/m3	STEL: 50 ppm STEL: 246 mg/m3 TWA: 20 ppm TWA: 98 mg/m3	STEL: 50 ppm STEL: 246 mg/m3 TWA: 20 ppm TWA: 98 mg/m3	STEL: 50 ppm STEL: 246 mg/m3 TWA: 20.4 ppm TWA: 100 mg/m3
Propylene glycol 57-55-6	N.D.	N.D.	STEL: 1410 mg/m3 STEL: 30 mg/m3 STEL: 450 ppm TWA: 10 mg/m3 TWA: 150 ppm TWA: 470 mg/m3	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: 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: 14.8 ppm STEL: 100 mg/m3 TWA: 7.4 ppm 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: 48.7 ppm TWA: 300 mg/m3
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER 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.
<b>Chemical Name</b>	<b>Norway</b>	<b>Portugal</b>	<b>Spain</b>	<b>Sweden</b>	<b>Switzerland</b>	<b>United Kingdom</b>
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-BUTOXYETHOXY)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

Chemical Name	Norway	Portugal	Spain	Sweden	Switzerland	United Kingdom
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 75 ppm STEL: 375 mg/m <sup>3</sup> TWA: 50 ppm TWA: 300 mg/m <sup>3</sup>	STEL: 150 ppm TWA: 50 ppm TWA: 308 mg/m <sup>3</sup>	TWA: 50 ppm TWA: 308 mg/m <sup>3</sup>	STEL: 75 ppm STEL: 450 mg/m <sup>3</sup> TWA: 50 ppm TWA: 300 mg/m <sup>3</sup>	STEL: 50 ppm STEL: 300 mg/m <sup>3</sup> TWA: 50 ppm TWA: 300 mg/m <sup>3</sup>	STEL: 150 ppm STEL: 924 mg/m <sup>3</sup> TWA: 50 ppm TWA: 308 mg/m <sup>3</sup>
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER 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/m <sup>3</sup> TWA: 0.2 mg/m <sup>3</sup>	N.D.
D-limonene 5989-27-5	STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup> TWA: 25 ppm TWA: 140 mg/m <sup>3</sup>	N.D.	TWA: 30 ppm TWA: 168 mg/m <sup>3</sup>	N.D.	STEL: 14 ppm STEL: 80 mg/m <sup>3</sup> TWA: 7 ppm TWA: 40 mg/m <sup>3</sup>	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**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Clear liquid
<b>Colour</b>	gold
<b>Odour</b>	Floral
<b>Odour Threshold</b>	No Information
<b>pH</b>	7.5
<b>Melting Point, °C</b>	No Information
<b>Flash Point, °C</b>	94
<b>Boiling Range, °C</b>	100 - 1,390
<b>Combustibility</b>	Does not Support Combustion

Vapor Pressure, mmHg	No Information
Vapor density	No Information
Specific Gravity (g/cm <sup>3</sup> )	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**

<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>
4,463.00	1,076.00	1,480.00

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

<b>ATEmix (oral)</b>	4,463.0 mg/kg
<b>ATEmix (dermal)</b>	1,076.0 mg/kg
<b>ATEmix (inhalation-vapor)</b>	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	BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	887	N.R.	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.
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**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 components(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 Lepomis macrochirus 1490 mg/L, LC50 96 h Lepomis macrochirus 2950 mg/L	EC50 48 h Daphnia magna >1000 mg/L
Propylene glycol 57-55-6	EC50 96 h Pseudokirchneriella subcapitata 19000 mg/L	LC50 96 h Oncorhynchus mykiss 51600 mg/L, LC50 96 h Oncorhynchus mykiss 41 - 47 mL/L, LC50 96 h Pimephales promelas 51400 mg/L, LC50 96 h Pimephales promelas 710 mg/L	EC50 48 h Daphnia magna >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 Desmodosmus subspicatus >100 mg/L	LC50 96 h Lepomis macrochirus 1300 mg/L	EC50 48 h Daphnia magna >100 mg/L
Dipropylene glycol monomethyl ether 34590-94-8	N.D.	LC50 96 h Pimephales promelas >10000 mg/L	LC50 48 h Daphnia magna 1919 mg/L
BENZOIC ACID, 2-HYDROXY-, METHYL ESTER 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 Pimephales promelas 0.619 - 0.796 mg/L, LC50 96 h Oncorhynchus mykiss 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	BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	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: Lepomis macrochirus)	>=-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**

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

**IMDG**

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

14.7. Maritime transport in bulk according to IMO instruments No Information

**IATA**

14.1. UN number or ID number  
 14.2. UN proper shipping name Not Regulated  
 14.3. Transport hazard class(es)  
 14.4. Packing group No Information  
 14.5. Environmental hazards Yes.  
 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	BENZOIC ACID, 2-HYDROXY-, METHYL ESTER	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

	-
<b>ENCS</b>	-
<b>IECSC</b>	Complies
<b>KECI</b>	-
<b>PICCS</b>	-
<b>AIC</b>	Complies
<b>NZIoC</b>	-

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

## 15.2. Chemical safety assessment

No.

## SECTION 16: Other information

<b>Revision Date</b>	12/5/2023
<b>Indication of changes:</b>	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.

### 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.