

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 1/13

## Premium Guard SB

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

#### 1.1. Product identifier

Trade name/designation:

**Premium Guard SB**

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

Use of the substance/mixture:

Floor Protection

#### 1.3. Details of the supplier of the safety data sheet

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

**Husqvarna Construction Products**

Box 2098

SE-55002 Jönköping

Sweden

**Telephone:** +46 36 570 60 00

**E-mail:** mikael.stuhrmann@husqvarnagroup.com

**Website:** www.husqvarnacp.com

#### 1.4. Emergency telephone number

24h: +49(0)89-19240

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids ( <i>Flam. Liq. 2</i> )	H225: Highly flammable liquid and vapour.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	

#### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



**GHS02**  
Flame



**GHS07**  
Exclamation mark

**Signal word:** Danger

#### Hazard statements for physical hazards

H225 Highly flammable liquid and vapour.

#### Hazard statements for health hazards

H319 Causes serious eye irritation.

**Supplemental hazard information:** none

#### Precautionary statements Prevention

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P243	Take action to prevent static discharges.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 2/13

## Premium Guard SB

### Precautionary statements Prevention

P280 Wear protective gloves/protective clothing and eye/face protection.

### Precautionary statements 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.

## 2.3. Other hazards

No data available

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 64-17-5 EC No.: 200-578-6 REACH No.: 01-2119457610-43-XXXX	<b>ethanol</b> Eye Irrit. 2 (H319), Flam. Liq. 2 (H225) Danger	< 70 weight-%
CAS No.: 1185-55-3 EC No.: 214-685-0	<b>trimethoxy(methyl)silane</b> Acute Tox. 4 (H302), Flam. Liq. 2 (H225) Danger	≤ 10 weight-%
CAS No.: 2943-75-1 EC No.: 220-941-2 REACH No.: 01-2119972313-39-0001	<b>triethoxyoctylsilane</b> Skin Irrit. 2 (H315) Warning	≤ 5 weight-%
CAS No.: 78-93-3 EC No.: 201-159-0 Index No.: 606-002-00-3	<b>butanone</b> Eye Irrit. 2 (H319), Flam. Liq. 2 (H225), STOT SE 3 (H336) Danger EUH066	< 1 weight-%
CAS No.: 67-56-1 EC No.: 200-659-6 Index No.: 603-001-00-X	<b>methanol</b> Acute Tox. 3 (H331, H311, H301), Flam. Liq. 2 (H225), STOT SE 1 (H370**) Danger <b>Specific concentration limit (SCL)</b> STOT SE 1; H370: C ≥ 10% STOT SE 2; H371: 3% ≤ C < 10%	< 1 weight-%

Full text of H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended.

#### Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

#### In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. If skin irritation or rash occurs: Get medical advice/attention.

#### After eye contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Following ingestion:

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Rinse mouth. Let water be drunk in little sips (dilution effect). Get medical advice/attention if you feel unwell.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 9 Feb 2023

**Print date:** 16 Feb 2023

**Version:** 1.2



Page 3/13

## Premium Guard SB

### Self-protection of the first aider:

Use personal protection equipment.

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

Serious eye damage/eye irritation

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Foam, Water spray

#### Unsuitable extinguishing media:

Full water jet

### 5.2. Special hazards arising from the substance or mixture

Vapours are heavier than air, spread along floors and form explosive mixtures with air.

Pyrolysis products, toxic

#### Hazardous combustion products:

Nitrogen oxides (NO<sub>x</sub>), Carbon dioxide (CO<sub>2</sub>), Carbon monoxide In case of fire: Gases/vapours, toxic

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

### 5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Dispose of waste according to applicable legislation.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Remove persons to safety. Special danger of slipping by leaking/spilling product. Provide adequate ventilation. Remove all sources of ignition.

##### Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

#### 6.1.2. For emergency responders

##### Personal protection equipment:

Personal protection equipment: see section 8

### 6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers). Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

#### For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

#### For cleaning up:

Wipe up with absorbent material (eg. cloth, fleece). The contaminated area should be cleaned up immediately with: Solvent

#### Other information:

Treat the recovered material as prescribed in the section on waste disposal.

### 6.4. Reference to other sections

Safe handling: see section 7. Personal protection equipment: see section 8. Disposal: see section 13.

### 6.5. Additional information

Use appropriate container to avoid environmental contamination.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 4/13

## Premium Guard SB

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

Wear personal protection equipment (refer to section 8). Provide adequate ventilation. Vapours are heavier than air, spread along floors and form explosive mixtures with air.

##### Fire prevent measures:

Usual measures for fire prevention.

##### Measures to prevent aerosol and dust generation:

Use only in well-ventilated areas.

##### Environmental precautions:

Do not allow to enter into surface water or drains.

##### Advices on general occupational hygiene

Wash hands before breaks and after work. Use protective skin cream before handling the product. When using do not eat, drink or smoke. Avoid contact with eyes and skin.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Technical measures and storage conditions:

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

##### Packaging materials:

Keep/Store only in original container.

##### Requirements for storage rooms and vessels:

The floor should be leak tight, jointless and not absorbent.

##### Hints on storage assembly:

Do not store together with: Food and feedingstuffs, Oxidising agent

##### Storage class (TRGS 510, Germany): 3 - Flammable liquids

##### Further information on storage conditions:

Protect containers against damage. Keep away from heat.

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

##### Recommendation:

Observe technical data sheet.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### 8.1.1. Occupational exposure limit values

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
TRGS 900 (DE) from 29 Mar 2019	<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	① 200 ppm (380 mg/m <sup>3</sup> ) ② 800 ppm (1,520 mg/m <sup>3</sup> ) ⑤ DFG, Y
IOELV (EU)	<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	① 200 ppm (600 mg/m <sup>3</sup> ) ② 300 ppm (900 mg/m <sup>3</sup> )
TRGS 900 (DE)	<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	① 200 ppm (600 mg/m <sup>3</sup> ) ② 200 ppm (600 mg/m <sup>3</sup> ) ⑤ (kann über die Haut aufgenommen werden) DFG, EU, H, Y
IOELV (EU)	<b>methanol</b> CAS No.: 67-56-1 EC No.: 200-659-6	① 200 ppm (260 mg/m <sup>3</sup> ) ⑤ (may be absorbed through the skin)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 5/13

## Premium Guard SB

Limit value type (country of origin)	Substance name	① Long-term occupational exposure limit value ② Short-term occupational exposure limit value ③ Instantaneous value ④ Monitoring and observation processes ⑤ Remark
TRGS 900 (DE) from 13 Mar 2020	<b>methanol</b> CAS No.: 67-56-1 EC No.: 200-659-6	① 100 ppm (130 mg/m <sup>3</sup> ) ② 200 ppm (260 mg/m <sup>3</sup> ) ⑤ (kann über die Haut aufgenommen werden) DFG, EU, H, Y
TRGS 900 (DE)	<b>hydrochloric acid ... %</b> EC No.: 231-595-7	① 2 ppm (3 mg/m <sup>3</sup> ) ② 4 ppm (6 mg/m <sup>3</sup> ) ⑤ (Chlorwasserstoff) DFG, EU, Y
IOELV (EU)	<b>hydrochloric acid ... %</b> EC No.: 231-595-7	① 5 ppm (8 mg/m <sup>3</sup> ) ② 10 ppm (15 mg/m <sup>3</sup> ) ⑤ (Hydrogen chloride)

### 8.1.2. Biological limit values

Limit value type (country of origin)	Substance name	Limit value	① Parameter ② Test material ③ Time of sampling: ④ Remark
TRGS 903 (DE) from 9 Nov 2015	<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	2 mg/L	① 2-Butanon ② Urin ③ Expositionsende bzw. Schichtende
TRGS 903 (DE) from 13 Mar 2020	<b>methanol</b> CAS No.: 67-56-1 EC No.: 200-659-6	15 mg/L	① Methanol ② Urin ③ bei Langzeitexposition, Expositionsende bzw. Schichtende

### 8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	950 mg/m <sup>3</sup>	① DNEL worker ② Long-term - inhalation, systemic effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	114 mg/m <sup>3</sup>	① DNEL Consumer ② Long-term - inhalation, systemic effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	1,900 mg/m <sup>3</sup>	① DNEL worker ② Acute - inhalation, local effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	950 mg/m <sup>3</sup>	① DNEL Consumer ② Acute - inhalation, local effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	343 mg/kg bw/day	① DNEL worker ② Long-term - dermal, systemic effects
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	206 mg/kg bw/day	① DNEL Consumer ② Long-term - dermal, systemic effects

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 6/13

## Premium Guard SB

Substance name	DNEL value	① DNEL type ② Exposure route
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	87 mg/kg bw/ day	① DNEL Consumer ② Long-term - oral, systemic effects

Substance name	PNEC Value	① PNEC type
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	0.96 mg/L	① PNEC aquatic, freshwater
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	0.79 mg/L	① PNEC aquatic, marine water
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	580 mg/L	① PNEC sewage treatment plant
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	3.6 mg/kg	① PNEC sediment, freshwater
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	2.9 mg/kg	① PNEC sediment, marine water
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	2.75 mg/L	① PNEC air
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	0.72 mg/kg	① PNEC secondary poisoning
ethanol CAS No.: 64-17-5 EC No.: 200-578-6	0.63 mg/kg	① PNEC soil, freshwater

## 8.2. Exposure controls

### 8.2.1. Appropriate engineering controls

No data available

### 8.2.2. Personal protection equipment

#### Eye/face protection:

Eye glasses with side protection EN 166

#### Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time: min In the case of wanting to use the gloves again, clean them before taking off and air them well. Breakthrough times and swelling properties of the material must be taken into consideration.

#### Respiratory protection:

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Respiratory protection necessary at: aerosol or mist formation. Filtering device (full mask or mouthpiece) with filter: A-P2

#### Other protection measures:

Do not breathe vapour/aerosol. Avoid contact with eyes and skin. Wear suitable protective clothing and gloves.

### 8.2.3. Environmental exposure controls

See section 7. No additional measures necessary.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

#### Appearance

**Physical state:** Liquid

**Colour:** colourless

**Odour:** not determined

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 7/13

## Premium Guard SB

### Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	not determined		
Melting point	not determined		
Freezing point	not determined		
Initial boiling point and boiling range	≈ 75 °C		
Decomposition temperature	not determined		
Flash point	12 °C		① DIN EN ISO 2719
Evaporation rate	not determined		
Auto-ignition temperature	not determined		
Upper/lower flammability or explosive limits	not determined		
Vapour pressure	not determined		
Vapour density	not determined		
Density	0.86 g/cm <sup>3</sup>	20 °C	① DIN EN ISO 2811-2
Relative density	not determined		
Bulk density	not determined		
Water solubility	not determined		
Partition coefficient: n-octanol/water	not determined		
Dynamic viscosity	not determined		
Kinematic viscosity	not determined	40 °C	

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions. Highly flammable liquid and vapour.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

Exothermic reaction with: Oxidising agent. In use, may form flammable/explosive vapour-air mixture.

### 10.4. Conditions to avoid

See section 7. No additional measures necessary.

### 10.5. Incompatible materials

Materials to avoid: Oxidising agent

### 10.6. Hazardous decomposition products

Gases/vapours, flammable; Formation of: Methanol

## SECTION 11: Toxicological information

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

<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6
<b>LD<sub>50</sub> oral:</b> >2,000 mg/kg (Rat) OECD 401
<b>LD<sub>50</sub> dermal:</b> >2,000 mg/kg (Rabbit) OECD 402
<b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> >20 mg/L (Rat)
<b>trimethoxy(methyl)silane</b> CAS No.: 1185-55-3 EC No.: 214-685-0
<b>LD<sub>50</sub> oral:</b> >11,685 mg/kg (Rat)
<b>LD<sub>50</sub> dermal:</b> >9,500 mg/kg (Rat)
<b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> >42.1 mg/L (Rat)

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 9 Feb 2023

**Print date:** 16 Feb 2023

**Version:** 1.2



Page 8/13

## Premium Guard SB

<b>triethoxyoctylsilane</b> CAS No.: 2943-75-1 EC No.: 220-941-2
<b>LD<sub>50</sub> oral:</b> >5,110 mg/kg (Rat) OECD 401
<b>LD<sub>50</sub> dermal:</b> 6,730 mg/kg (Rabbit) OECD 402
<b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> 22 mg/L 4 h (Rat) OECD 403
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0
<b>LD<sub>50</sub> oral:</b> 2,054 mg/kg (rat) OECD Guideline 423 (Acute Oral toxicity - Acute Toxic Class Method)
<b>methanol</b> CAS No.: 67-56-1 EC No.: 200-659-6
<b>LD<sub>50</sub> oral:</b> >1,187 - 2,769 mg/kg (rat)
<b>LC<sub>50</sub> Acute inhalation toxicity (vapour):</b> 82.1 mg/L 6 h (rat)

### Acute oral toxicity:

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

### Acute dermal toxicity:

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

### Acute inhalation toxicity:

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

### Skin corrosion/irritation:

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

### Serious eye damage/irritation:

Causes serious eye irritation.

### Respiratory or skin sensitisation:

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

### Germ cell mutagenicity:

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

### Carcinogenicity:

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

### Reproductive toxicity:

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

### STOT-single exposure:

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

### STOT-repeated exposure:

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

### Aspiration hazard:

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

### Additional information:

No data available

## 11.2. Information on other hazards

No data available



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 9/13

## Premium Guard SB

### SECTION 12: Ecological information

#### 12.1. Toxicity

<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6
LC <sub>50</sub> : 15,300 mg/L 4 d (fish, Pimephales promelas (fathead minnow))
LC <sub>50</sub> : 11,200 mg/L (fish, Salmo gairdneri)
EC <sub>50</sub> : 858 mg/L (Artemia salina) OECD 202
EC <sub>50</sub> : >10,000 mg/L 2 d (Daphnia magna (Big water flea))
LC <sub>50</sub> : 5,012 mg/L 2 d (Ceriodaphnia dubia)
EC <sub>50</sub> : 275 mg/L 3 d (Algae/water plant, Chlorella vulgaris) OECD 201
EC <sub>50</sub> : 5,800 mg/L (Paramecium caudatum)
LC <sub>50</sub> : 14,200 mg/L 4 d (fish, Pimephales promelas) US EPA method E03-05
LC <sub>50</sub> : 5,012 mg/L 2 d (crustaceans, Ceriodaphnia dubia) ASTM E729-80
EC <sub>50</sub> : 275 mg/L 3 d (Algae/water plant, Chlorella vulgaris) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC <sub>50</sub> : 675 mg/L 4 d (Algae/water plant, Chlorella vulgaris) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC <sub>50</sub> : 12,900 mg/L 4 d (fish, Pimephales promelas) US EPA method E03-05
NOEC: 2 mg/L 10 d (crustaceans, Ceriodaphnia dubia)
<b>trimethoxy(methyl)silane</b> CAS No.: 1185-55-3 EC No.: 214-685-0
LC <sub>50</sub> : >110 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) OECD Guideline 203 (Fish, Acute Toxicity Test)
EC <sub>50</sub> : >3.6 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC <sub>50</sub> : >122 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
NOEC: ≥3.6 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)
NOEC: ≥110 mg/L 4 d (fish, Oncorhynchus mykiss (previous name: Salmo gairdneri)) OECD Guideline 203 (Fish, Acute Toxicity Test)
NOEC: ≥122 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
NOEC: ≥10 mg/L 21 d (crustaceans, Daphnia magna) OECD Guideline 211 (Daphnia magna Reproduction Test)
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0
LC <sub>50</sub> : 1,723 mg/L 2 d (fish, Pimephales promelas) OECD Guideline 203 (Fish, Acute Toxicity Test)
LC <sub>50</sub> : 1,656 mg/L 3 d (fish, Pimephales promelas) OECD Guideline 203 (Fish, Acute Toxicity Test)
LC <sub>50</sub> : 2,993 mg/L 4 d (fish, Pimephales promelas) OECD Guideline 203 (Fish, Acute Toxicity Test)
EC <sub>50</sub> : 1,888 mg/L 2 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC <sub>50</sub> : 1,972 mg/L 3 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC <sub>50</sub> : 2,029 mg/L 4 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)) OECD Guideline 201 (Alga, Growth Inhibition Test)
EC <sub>50</sub> : 308 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
NOEC: 1,170 mg/L 4 d (fish, Pimephales promelas) OECD Guideline 203 (Fish, Acute Toxicity Test)
NOEC: 68 mg/L 2 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
<b>methanol</b> CAS No.: 67-56-1 EC No.: 200-659-6
LC <sub>50</sub> : 15,400 mg/L 4 d (fish, Lepomis macrochirus) EPA-660/3-75-009, 1975
EC <sub>50</sub> : 22,000 mg/L 4 d (Algae/water plant, Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum))
EC <sub>50</sub> : 12,700 mg/L 4 d (fish, Lepomis macrochirus) EPA-660/3-75-009, 1975
EC <sub>50</sub> : 18,260 mg/L 4 d (crustaceans, Daphnia magna) OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

#### 12.2. Persistence and degradability

<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6
<b>Biodegradation:</b> Yes, rapidly

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 10/13

## Premium Guard SB

**triethoxyoctylsilane** CAS No.: 2943-75-1 EC No.: 220-941-2

**Biodegradation:** Yes, slowly

**methanol** CAS No.: 67-56-1 EC No.: 200-659-6

**Biodegradation:** Yes, rapidly

### 12.3. Bioaccumulative potential

**ethanol** CAS No.: 64-17-5 EC No.: 200-578-6

**Log K<sub>ow</sub>:** -0.3

**Bioconcentration factor (BCF):** 0.66

**trimethoxy(methyl)silane** CAS No.: 1185-55-3 EC No.: 214-685-0

**Log K<sub>ow</sub>:** 2.4

**triethoxyoctylsilane** CAS No.: 2943-75-1 EC No.: 220-941-2

**Log K<sub>ow</sub>:** 6.41

**Bioconcentration factor (BCF):** 1,980 Species: Cyprinus carpio

**butanone** CAS No.: 78-93-3 EC No.: 201-159-0

**Log K<sub>ow</sub>:** 0.3

**methanol** CAS No.: 67-56-1 EC No.: 200-659-6

**Log K<sub>ow</sub>:** -0.77

**Bioconcentration factor (BCF):** < 10 Species: Leuciscus idus melanotus

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

**ethanol** CAS No.: 64-17-5 EC No.: 200-578-6

**Results of PBT and vPvB assessment:** —

**trimethoxy(methyl)silane** CAS No.: 1185-55-3 EC No.: 214-685-0

**Results of PBT and vPvB assessment:** —

**triethoxyoctylsilane** CAS No.: 2943-75-1 EC No.: 220-941-2

**Results of PBT and vPvB assessment:** This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

**butanone** CAS No.: 78-93-3 EC No.: 201-159-0

**Results of PBT and vPvB assessment:** —

**methanol** CAS No.: 67-56-1 EC No.: 200-659-6

**Results of PBT and vPvB assessment:** —

**hydrochloric acid ... %** EC No.: 231-595-7

**Results of PBT and vPvB assessment:** —

### 12.6. Endocrine disrupting properties

No data available

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### 13.1.1. Product/Packaging disposal

#### Waste codes/waste designations according to EWC/AVV

##### Waste code product

08 01 11 \* Waste paint and varnish containing organic solvents or other dangerous substances

\*: Evidence for disposal must be provided.

##### Waste code packaging

15 01 10 \* packaging containing residues of or contaminated by dangerous substances

\*: Evidence for disposal must be provided.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 11/13

## Premium Guard SB

### Waste treatment options





#### Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

#### Appropriate disposal / Package:

Completely emptied packages can be recycled.

## SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
<b>14.1. UN number or ID number</b>			
UN 1170	UN 1170	UN 1170	UN 1170
<b>14.2. UN proper shipping name</b>			
ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
<b>14.3. Transport hazard class(es)</b>			
 3	 3	 3	 3
<b>14.4. Packing group</b>			
II	II	II	II
<b>14.5. Environmental hazards</b>			
No	No	No	No
<b>14.6. Special precautions for user</b>			
<b>Special Provisions:</b> 144   601 <b>Limited quantity (LQ):</b> 1 L <b>Excepted Quantities (EQ):</b> E2 <b>Hazard identification number (Kemler No.):</b> 33 <b>Classification code:</b> F1 <b>Tunnel restriction code:</b> (D/E)	<b>Special Provisions:</b> 144   601 <b>Limited quantity (LQ):</b> 1 L <b>Excepted Quantities (EQ):</b> E2 <b>Classification code:</b> F1	<b>Special Provisions:</b> 144 <b>Limited quantity (LQ):</b> 1 L <b>Excepted Quantities (EQ):</b> E2 <b>EmS-No.:</b> F-E, S-D	<b>Special Provisions:</b> A3   A58   A180 <b>Limited quantity (LQ):</b> Y341 <b>Excepted Quantities (EQ):</b> E2

### 14.7. Maritime transport in bulk according to IMO instruments

#### Additional information:

Emergency telephone number Airfreight:

24 h Emergency telephone number (Germany): 0049 (0) 70024112112 (OBA)

24 h Emergency telephone number (USA): 011 49 (0) 70024112112 (contact Id.: OBA)

## SECTION 15: Regulatory information

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

#### 15.1.1. EU legislation

##### Other regulations (EU):

2008/98/EC, 2001/118/EC, 1999/13/EC, 2004/42/EC, (EC) No. 1907/2006, (EU) 2015/830, 75/324/EEC, 2008/47/EC, (EC) No. 1272/2008, 2008/68/EC, (EC) No. 648/2004

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline): VOC value 562

Directive 2004/42/EC on the limitation of emissions of volatile organic compounds:

VOC EU Limit (2004/42/EG) (cat. IIA/h): 750 g/L, VOC value 562 g/L

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 9 Feb 2023

Print date: 16 Feb 2023

Version: 1.2



Page 12/13

## Premium Guard SB

This product meets the requirements of Regulation (EC) No. 1935/2004 on the limitation of VOC content.

### 15.1.2. National regulations

#### [DE] National regulations

##### Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

##### Water hazard class

###### WGK:

1 - schwach wassergefährdend

##### Technische Regeln für Gefahrstoffe

TRGS 200, TRGS 401, TRGS 510, TRGS 720, TRGS 721, TRGS 722, TRGS 800, RGS 900, TRGS 905

##### Berufsgenossenschaftliche Vorschriften (DGUV-Vorschriften)

Berufsgenossenschaftliche Informationen (DGUV-Informationen): BGI 595, BGI 564, BGI 621

##### Other regulations, restrictions and prohibition regulations

Gefahrstoffverordnung (GefStoffV), Wasserhaushaltsgesetz (WHG)

### 15.2. Chemical Safety Assessment

No data available

## SECTION 16: Other information

### 16.1. Indication of changes

No data available

### 16.2. Abbreviations and acronyms

See overview table at [www.euphrac.eu](http://www.euphrac.eu)

### 16.3. Key literature references and sources for data

Substance name	Type	source of supply
<b>butanone</b> CAS No.: 78-93-3 EC No.: 201-159-0	LD <sub>50</sub> oral; LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>methanol</b> CAS No.: 67-56-1 EC No.: 200-659-6	LD <sub>50</sub> oral; LC <sub>50</sub> Acute inhalation toxicity (vapour); LC <sub>50</sub> ; EC <sub>50</sub>	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>ethanol</b> CAS No.: 64-17-5 EC No.: 200-578-6	LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>
<b>trimethoxy(methyl)silane</b> CAS No.: 1185-55-3 EC No.: 214-685-0	LC <sub>50</sub> ; EC <sub>50</sub> ; NOEC	Source: European Chemicals Agency, <a href="http://echa.europa.eu/">http://echa.europa.eu/</a>

### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids ( <i>Flam. Liq. 2</i> )	H225: Highly flammable liquid and vapour.	
Serious eye damage/eye irritation ( <i>Eye Irrit. 2</i> )	H319: Causes serious eye irritation.	

### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H225	Highly flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 9 Feb 2023

**Print date:** 16 Feb 2023

**Version:** 1.2



Page 13/13

## Premium Guard SB

### Hazard statements

H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H370	Causes damage to organs.
H371	May cause damage to organs.

### Supplemental hazard information

EUH066	Repeated exposure may cause skin dryness or cracking.
--------	---

### 16.6. Training advice

No data available

### 16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.