SAFETY DATA SHEET
Gyproc Promix Lite

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

1.1. Product identifier

Product name  Gyproc Promix Lite

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

Identified uses  Filler and finishing compound.

Uses advised against  No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier  British Gypsum
East Leake
Loughborough
Leicestershire
LE12 6HX
UK
T: +44 (0) 115 945 6123
E: bgtechnical.enquiries@bpb.com

1.4. Emergency telephone number

Emergency telephone  +44 (0) 115 945 6123
8:30am - 5:00pm Monday - Friday (GMT)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards  Not Classified
Health hazards  Skin Sens. 1 - H317
Environmental hazards  Not Classified

2.2. Label elements

Hazard pictograms

Signal word  Warning

Hazard statements  H317 May cause an allergic skin reaction.
**Gyproc Promix Lite**

### Precautionary statements
- P102 Keep out of reach of children.
- P261 Avoid breathing dust.
- P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
- **P302+P352** IF ON SKIN: Wash with plenty of water.
- **P333+P313** If skin irritation or rash occurs: Get medical advice/ attention.
- P501 Dispose of contents/ container in accordance with national regulations.

### Biocide Labelling
Contains 1,2-Benzisothiazol-3(2H)-one, 2-Methyl-2H-isothiazol-3-one, Zinc pyrithione, CMIT/MIT (3:1), Bronopol to prevent microbial deterioration.

### Supplementary precautionary statements
- **P272** Contaminated work clothing should not be allowed out of the workplace.
- **P321** Specific treatment (see medical advice on this label).
- **P362+P364** Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards
This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/Information on ingredients

#### 3.2. Mixtures

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration</th>
<th>CAS number</th>
<th>EC number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium carbonate</td>
<td>25 - &lt;50%</td>
<td>471-34-1</td>
<td>207-439-9</td>
<td>Not Classified</td>
</tr>
<tr>
<td>Mica</td>
<td>3 - &lt;5%</td>
<td>12001-26-2</td>
<td></td>
<td>Not Classified</td>
</tr>
<tr>
<td>Propane-1,2-diol</td>
<td>0.25 - &lt;0.5%</td>
<td>57-55-6</td>
<td>200-338-0</td>
<td>Not Classified</td>
</tr>
<tr>
<td>Quartz (SiO2)</td>
<td>0.25 - &lt;0.5%</td>
<td>14808-60-7</td>
<td>238-878-4</td>
<td>Not Classified</td>
</tr>
</tbody>
</table>
**Gyproc Promix Lite**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Concentration</th>
<th>CAS number</th>
<th>EC number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), solvent-dewaxed heavy paraffinic</td>
<td>0.025 - &lt;0.25%</td>
<td>64742-65-0</td>
<td>265-169-7</td>
</tr>
<tr>
<td>Magnesium oxide</td>
<td>0.025 - &lt;0.25%</td>
<td>1309-48-4</td>
<td>215-171-9</td>
</tr>
<tr>
<td>Quartz (SiO2)</td>
<td>0.025 - &lt;0.25%</td>
<td>14808-60-7</td>
<td>238-878-4</td>
</tr>
<tr>
<td>Silicon dioxide</td>
<td>&lt;0.025%</td>
<td>112926-00-8</td>
<td>231-545-4</td>
</tr>
<tr>
<td>1,2-Benzisothiazol-3(2H)-one</td>
<td>&lt;0.025%</td>
<td>2634-33-5</td>
<td>220-120-9</td>
</tr>
</tbody>
</table>

**Classification**

- Not Classified

**Quartz (SiO2)**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>STOT RE 1 - H372</td>
<td></td>
</tr>
</tbody>
</table>

**Silicon dioxide**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Substance with National workplace exposure limits.</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**

- Not Classified

**1,2-Benzisothiazol-3(2H)-one**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4 - H302</td>
<td></td>
</tr>
<tr>
<td>Skin Irrit. 2 - H315</td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1 - H318</td>
<td></td>
</tr>
<tr>
<td>Skin Sens. 1 - H317</td>
<td></td>
</tr>
<tr>
<td>Aquatic Acute 1 - H400</td>
<td></td>
</tr>
</tbody>
</table>

**Classification**

- Acute Tox. 4 - H302
- Skin Irrit. 2 - H315
- Eye Dam. 1 - H318
- Skin Sens. 1 - H317
- Aquatic Acute 1 - H400

**M factor (Acute) = 1**

**Substance with National workplace exposure limits.**
# Gyproc Promix Lite

<table>
<thead>
<tr>
<th>Chemical</th>
<th>M factor (Acute)</th>
<th>M factor (Chronic)</th>
<th>CAS number</th>
<th>EC number</th>
<th>Classification</th>
</tr>
</thead>
</table>
| 2-Methyl-2H-isothiazol-3-one | 10               | 1                  | 2682-20-4  | 220-239-6 | Acute Tox. 3 - H301  
Acute Tox. 3 - H311  
Acute Tox. 2 - H330  
Skin Corr. 1B - H314  
Eye Dam. 1 - H318  
Skin Sens. 1A - H317  
Aquatic Acute 1 - H400  
Aquatic Chronic 1 - H410 |
| Pyrithione zinc    | 100              | 10                 | 13463-41-7 | 236-671-3 | Acute Tox. 3 - H301  
Acute Tox. 4 - H332  
Eye Dam. 1 - H318  
Aquatic Acute 1 - H400  
Aquatic Chronic 1 - H410 |
| Bronopol           | 10               |                    | 52-51-7    | 200-143-0 | Acute Tox. 4 - H302  
Acute Tox. 4 - H312  
Skin Irrit. 2 - H315  
Eye Dam. 1 - H318  
STOT SE 3 - H335  
Aquatic Acute 1 - H400 |
Gyproc Promix Lite

**Reaction mass of:** 5-Chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-Methyl-4-isothiazolin-3-one [EC no. 220-239-6] (3:1)  
M factor (Acute) = 100  
M factor (Chronic) = 100

**CAS number:** 55965-84-9  
**EC number:** 611-341-5

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**Classification**
- Acute Tox. 3 - H301
- Acute Tox. 2 - H310
- Acute Tox. 2 - H330
- Skin Corr. 1C - H314
- Eye Dam. 1 - H318
- Skin Sens. 1A - H317
- Aquatic Acute 1 - H400
- Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information**
- Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

**Inhalation**
- Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.

**Ingestion**
- Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.

**Skin contact**
- It is important to remove the substance from the skin immediately. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.

**Eye contact**
- Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.

**Protection of first aiders**
- First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.

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

**General information**
- See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation**
- A single exposure may cause the following adverse effects: Temporary irritation.
Gyproc Promix Lite

Ingestion
May cause discomfort if swallowed.

Skin contact
May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact may cause dryness of the skin.

Eye contact
May be slightly irritating to eyes.

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

Notes for the doctor
Treat symptomatically. May cause sensitisation or allergic reactions in sensitive individuals.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards
None known.

Hazardous combustion products
Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

5.3. Advice for firefighters

Protective actions during firefighting
Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter’s clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions
Do not touch or walk into spilled material. Keep unnecessary and unprotected personnel away from the spillage. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Ensure procedures and training for emergency decontamination and disposal are in place. Wash thoroughly after dealing with a spillage.

6.2. Environmental precautions

Environmental precautions
Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up
Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections
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Reference to other sections
For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions
Keep out of the reach of children. Read and follow manufacturer's recommendations. Keep away from food, drink and animal feeding stuffs. Wear protective clothing as described in Section 8 of this safety data sheet. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Keep container tightly sealed when not in use. Do not reuse empty containers.

Advice on general occupational hygiene
Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions
Store away from incompatible materials (see Section 10). Keep containers upright. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect containers from damage. Bund storage facilities to prevent soil and water pollution in the event of spillage. The storage area floor should be leak-tight, jointless and not absorbent.

Storage class
Chemical storage.

7.3. Specific end use(s)

Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

Calcium carbonate
Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Mica
Long-term exposure limit (8-hour TWA): WEL 0.8 mg/m² respirable dust
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust

Propane-1,2-diol
Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

Quartz (SiO2)
Long-term exposure limit (8-hour TWA): WEL 6 mg/m³ inhalable dust
Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m³ respirable dust
[Listed as: Silica, amorphous]

Distillates (petroleum), solvent-dewaxed heavy paraffinic
Long-term exposure limit (8-hour TWA): 5 mg/m² mist

Magnesium oxide
Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ fume and respirable dust as Mg
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust as Mg
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Quartz (SiO2)
Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³ respirable dust
[Listed as: Silica, respirable crystalline]

Silicon dioxide
Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m³ respirable dust
Long-term exposure limit (8-hour TWA): WEL 6 mg/m³ inhalable dust
WEL = Workplace Exposure Limit.

8.2. Exposure controls
Provide adequate ventilation. Personal, workplace environment or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Use process enclosures, local exhaust ventilation or other engineering controls as the primary means to minimise worker exposure. Personal protective equipment should only be used if worker exposure cannot be controlled adequately by the engineering control measures. Ensure control measures are regularly inspected and maintained. Ensure operatives are trained to minimise exposure.

Eye/face protection
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection
Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Hygiene measures
Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.

Respiratory protection
Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is ‘CE’-marked. Check that the respirator fits tightly and the filter is changed regularly.

Environmental exposure controls
Keep container tightly sealed when not in use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Paste</td>
</tr>
<tr>
<td>Colour</td>
<td>Off-white</td>
</tr>
<tr>
<td>Odour</td>
<td>Slight</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Gyproc Promix Lite

pH  Not available.
Melting point  Not available.
Initial boiling point and range  Not available.
Flash point  Not available.
Evaporation rate  Not available.
Upper/lower flammability or explosive limits  Not available.
Vapour pressure  Not available.
Vapour density  Not available.
Relative density  Not available.
Density  1.27 g/cm³
Solubility(ies)  Not miscible or difficult to mix.
Partition coefficient  Not available.
Auto-ignition temperature  Not available.
Decomposition Temperature  Not available.
Viscosity  Not applicable.
Explosive properties  Not considered to be explosive.
Oxidising properties  Does not meet the criteria for classification as oxidising.

9.2. Other information
Volatile organic compound  0.46 %

SECTION 10: Stability and reactivity

10.1. Reactivity
Reactivity  See the other subsections of this section for further details.

10.2. Chemical stability
Stability  Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions
Possibility of hazardous reactions  No potentially hazardous reactions known.

10.4. Conditions to avoid
Conditions to avoid  There are no known conditions that are likely to result in a hazardous situation.

10.5. Incompatible materials
Materials to avoid  No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products
Hazardous decomposition products  Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
**SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

#### Acute toxicity - oral
**Summary**
Based on available data the classification criteria are not met.

#### Acute toxicity - dermal
**Summary**
Based on available data the classification criteria are not met.

#### Acute toxicity - inhalation
**Summary**
Based on available data the classification criteria are not met.

#### Skin corrosion/irritation
**Summary**
Based on available data the classification criteria are not met.

#### Serious eye damage/irritation
**Summary**
Based on available data the classification criteria are not met.

#### Respiratory sensitisation
**Summary**
Based on available data the classification criteria are not met.

#### Skin sensitisation
**Summary**
May cause an allergic skin reaction.

#### Germ cell mutagenicity
**Summary**
Based on available data the classification criteria are not met.

#### Carcinogenicity
**Summary**
Based on available data the classification criteria are not met.

#### Reproductive toxicity
**Summary**
Based on available data the classification criteria are not met.

#### Specific target organ toxicity - single exposure
**Summary**
Based on available data the classification criteria are not met.

#### Specific target organ toxicity - repeated exposure
**Summary**
Based on available data the classification criteria are not met.

#### Aspiration hazard
**Summary**
Based on available data the classification criteria are not met.

#### General information
The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

#### Inhalation
A single exposure may cause the following adverse effects: Temporary irritation.

#### Ingestion
May cause discomfort if swallowed.

#### Skin contact
May cause skin sensitisation or allergic reactions in sensitive individuals. Prolonged contact may cause dryness of the skin.

#### Eye contact
May be slightly irritating to eyes.

#### Route of exposure
Ingestion Inhalation Skin and/or eye contact

#### Target organs
No specific target organs known.

#### Medical considerations
Skin disorders and allergies.
## Gyproc Promix Lite

### Toxicological information on ingredients.

**1,2-Benzisothiazol-3(2H)-one**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>490.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>Notes (oral LD₅₀)</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>490.0</td>
</tr>
<tr>
<td>Acute toxicity dermal</td>
<td></td>
</tr>
<tr>
<td>Notes (dermal LD₅₀)</td>
<td>LD₅₀ &gt;2000 mg/kg, Dermal, Rat</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>Skin sensitisation</td>
<td>Guinea pig maximization test (GPMT) - Guinea pig: Sensitising.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Gene mutation: Negative.</td>
</tr>
<tr>
<td>Genotoxicity - In vitro</td>
<td>DNA damage and/or repair: Negative.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Two-generation study - NOAEL 112 mg/kg/day, Oral, Rat P</td>
</tr>
</tbody>
</table>

**2-Methyl-2H-isothiazol-3-one**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity oral (LD₅₀ mg/kg)</td>
<td>120.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>Notes (oral LD₅₀)</td>
<td>Toxic if swallowed.</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>120.0</td>
</tr>
<tr>
<td>Acute toxicity dermal (LD₅₀ mg/kg)</td>
<td>242.0</td>
</tr>
<tr>
<td>Species</td>
<td>Rat</td>
</tr>
<tr>
<td>Notes (dermal LD₅₀)</td>
<td>Toxic in contact with skin.</td>
</tr>
</tbody>
</table>
Gyproc Promix Lite

ATE dermal (mg/kg) 242.0

Acute toxicity - inhalation

Acute toxicity inhalation (LC₅₀ dust/mist mg/l) 0.11

Species Rat

Notes (inhalation LC₅₀) Fatal if inhaled.

ATE inhalation (dusts/mists mg/l) 0.11

Skin corrosion/irritation

Animal data Dose: 0.5 mL, 4 hours, Rabbit Corrosive to skin.

Serious eye damage/irritation

Serious eye damage/irritation Corrosivity to eyes is assumed.

Skin sensitisation

Skin sensitisation Buehler test - Guinea pig: Sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro Bacterial reverse mutation test: Negative.

Genotoxicity - in vivo DNA damage and/or repair: Negative.

Reproductive toxicity

Reproductive toxicity - fertility Two-generation study - NOAEL 69 - 93 mg/kg/day, Oral, Rat P

Reproductive toxicity - development Maternal toxicity: - NOAEL: 20 mg/kg/day, Oral, Rat Developmental toxicity: - NOAEL: 40 mg/kg/day, Oral, Rat

Specific target organ toxicity - repeated exposure

STOT - repeated exposure NOAEL 250 ppm, Oral, Rat

SECTION 12: Ecological Information

12.1. Toxicity

Acute aquatic toxicity

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

Chronic aquatic toxicity

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

Ecological information on ingredients.

1,2-Benzisothiazol-3(2H)-one

Toxicity Aquatic Acute 1 - H400 Very toxic to aquatic life.

Acute aquatic toxicity

LE(C)ₑ 0.1 < L(E)C50 ≤ 1

M factor (Acute) 1

Acute toxicity - fish LC₅₀, 96 hours: 2.15 mg/l, Oncorhynchus mykiss (Rainbow trout)
Gyproc Promix Lite

Acute toxicity - aquatic invertebrates
EC₅₀, 48 hours: 2.9 mg/l, Daphnia magna

Acute toxicity - aquatic plants
EC₅₀, 72 hours: 0.11 mg/l, Pseudokirchneriella subcapitata
NOEC, 72 hours: 0.04 mg/l, Pseudokirchneriella subcapitata

Acute toxicity - microorganisms
EC₅₀, 3 hours: 12.8 mg/l, Activated sludge

2-Methyl-2H-isothiazol-3-one

Acute aquatic toxicity
LE(C)₅₀
0.01 < L(E)C50 ≤ 0.1

M factor (Acute)
10

Acute toxicity - fish
LC₅₀, 96 hours: 4.77 mg/l, Oncorhynchus mykiss (Rainbow trout)

Acute toxicity - aquatic invertebrates
LC₅₀, 48 hours: 0.934 mg/l, Daphnia magna

Acute toxicity - aquatic plants
EC₅₀, 96 hours: >0.072 mg/l, Skeletonema costatum

Acute toxicity - microorganisms
EC₅₀, 3 hours: 41 mg/l, Activated sludge

Chronic aquatic toxicity
NOEC
0.01 < NOEC ≤ 0.1

Degradability
Non-rapidly degradable

M factor (Chronic)
1

Short term toxicity - embryo and sac fry stages
NOEC, 98 days: 2.38 mg/l, Oncorhynchus mykiss (Rainbow trout)

Chronic toxicity - aquatic invertebrates
NOEC, 21 days: 0.044 mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability
The degradability of the product is not known.

Ecological information on ingredients.

1,2-Benzisothiazol-3(2H)-one

Phototransformation
Air - DT₅₀ : 7.568 hours

Stability (hydrolysis)
pH4 - DT₅₀ : 219 days @ 50°C
pH9 - DT₅₀ : 145 days @ 50°C

Biodegradation
Water - Degradation 85%: 63 days

2-Methyl-2H-isothiazol-3-one

Phototransformation
Air - DT₅₀ : 14.35 hours

Biodegradation
Water - Degradation 47.6 - 55.8%: 29 days

12.3. Bioaccumulative potential
Gyproc Promix Lite

Bioaccumulative potential
No data available on bioaccumulation.

Partition coefficient
Not available.

Ecological information on ingredients.

1,2-Benzisothiazol-3(2H)-one

Bioaccumulative potential
BCF: 6.62, Lepomis macrochirus (Bluegill)

Partition coefficient
Water - log Pow: -0.9 - 0.99 @ 20°C

2-Methyl-2H-isothiazol-3-one

Bioaccumulative potential
BCF: 5.75, 48.1, Lepomis macrochirus (Bluegill)

Partition coefficient
log Pow: -0.486

12.4. Mobility in soil

Mobility
No data available.

Ecological information on ingredients.

1,2-Benzisothiazol-3(2H)-one

Adsorption/desorption coefficient
Log Koc: 0.97

Surface tension
72.6 mN/m @ 20°C

2-Methyl-2H-isothiazol-3-one

Adsorption/desorption coefficient
Koc: 6.4 - 10.0

Henry's law constant
<0 Pa m³/mol @ 25°C Calculation method.

Surface tension
68.8 mN/m @ 19.5°C

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.

Ecological information on ingredients.

1,2-Benzisothiazol-3(2H)-one

Results of PBT and vPvB assessment
This substance is not classified as PBT or vPvB according to current EU criteria.

2-Methyl-2H-isothiazol-3-one

Results of PBT and vPvB assessment
This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects
None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Gyproc Promix Lite

General information
Reuse or recycle products wherever possible. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods
Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: Transport information

General
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number
Not applicable.

14.2. UN proper shipping name
Not applicable.

14.3. Transport hazard class(es)
No transport warning sign required.

14.4. Packing group
Not applicable.

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant
No.

14.6. Special precautions for user
Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
National regulations
Health and Safety at Work etc. Act 1974 (as amended).
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"].
EH40/2005 Workplace exposure limits.
Gyproc Promix Lite

EU legislation

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
CAS: Chemical Abstracts Service.
ATE: Acute Toxicity Estimate.
LC₅₀: Lethal Concentration to 50 % of a test population.
LD₅₀: Lethal Dose to 50% of a test population (Median Lethal Dose).
EC₅₀: 50% of maximal Effective Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Classification abbreviations and acronyms
Skin Sens. = Skin sensitisation

Classification procedures according to Regulation (EC) 1272/2008

Training advice
Read and follow manufacturer's recommendations. Only trained personnel should use this material.

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Revision
01

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8730
Gyproc Promix Lite

Hazard statements in full

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H311 Toxic 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.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H372 Causes damage to organs through prolonged or repeated exposure if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

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