

# CBN 571 BIOLOGICAL FLOOR CLEANER



## Safety Data Sheet

According to Regulation 2020/878  
Issue Date: 19/01/2026 Version 1

### Section 1. IDENTIFICATION OF THE SUBSTANCE /MIXTURE AND THE COMPANY/ UNDERTAKING

**1.1. Product identifier** BIOLOGICAL FLOOR CLEANER

**Other means of identification:** CBN 571

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

Biological cleaning product concentrate

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

Tower Supplies  
3 Yarrow Road  
Poole  
Dorset BH12 4TS  
United Kingdom  
Tel: +44 (0) 2081 424464  
cbn@towersupplies.com

**1.4. Emergency telephone number**

**Telephone** +44 (0) 2081 424464 (24/7 Support Line)

### Section 2. HAZARDS IDENTIFICATION

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

**Classification according to 1272/2008/EC**

Skin Irrit. 2, H315 Causes skin irritation  
Eye Dam.1 H318 Causes serious eye damage  
Skin Sens.1, H317 May cause an allergic skin reaction

**2.2. Label elements**

**Labelling according to 1272/2008/EC**

**Hazard Pictograms**



**GHS-05**

**GHS-07**

**Signal word:** Danger

**Hazard statements**

H315 Causes skin irritation  
H318 Causes serious eye damage  
H317 May cause an allergic skin reaction

**Precautionary Statements**

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.  
P337 + P313 If eye irritation persists: Get medical advice/attention.

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P362 Take off contaminated clothing and wash before re-use

2.3. Other hazards None identified

### Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### 3.1. Substances

Not applicable, material is a mixture

#### 3.2. Mixtures

##### Hazardous components declared according to Regulation (EC) No 1272/2008

CAS: 68439-45-2 EINECS: REACH: Exempt, material is a polymer	Alcohols C7-C21 ethoxylated	Skin Irrit. 2, H315 Eye Dam. 1, H318	3-6%
CAS: 70750-47-9 EINECS: 274-846-6 REACH: Exempt, material is a polymer	Quaternary alkyl methyl amine ethoxylate methyl chloride	Acute Tox. 4, H302 Skin Corr. 1B, H314 Eye Dam. 1, H318 Aquatic acute 1, H400 Aquatic chronic 2, H411	1-2%
CAS: 68439-46-3 EINECS: REACH: Exempt, material is a polymer	C9-C11 Alkyl alcohol ethoxylate	Acute Tox. 4 H302 Eye Dam. 1, H318	1-1.5%
CAS: 2634-33-5 EINECS: 220-120-9 REACH: 01-2120761540-60-xxxx Also a biocidal active substance being supported under BPR.	1,2-benzisothiazolin-3-one	Acute Tox. 4, H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens.1, H317 Aquatic acute 1, H400	0.1-0.4%
CAS: 55965-84-9 EINECS: - REACH: 01-2120764691-48-xxxx Also a biocidal active substance being supported under BPR	Mixture of 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazoline-3-one	Acute Tox. 3, H331 Acute Tox. 3, H311 Acute Tox. 3, H301 Skin Corr. 1B, H314 Skin Sens.1, H317 Aquatic acute 1, H400 Aquatic chronic 1, H410	<0.0015%

A full explanation of H-phrases appears in Section 16

### Section 4. FIRST AID MEASURES

#### 4.1. Description of first aid measures

**Eye Contact** Rinse immediately with plenty of water for at least 5 minutes holding the eyelids open

**Skin Contact** Wash off immediately with soap and water. Remove contaminated clothing

**Inhalation** Move the exposed person to fresh air.

**Ingestion** Rinse mouth thoroughly.

Seek medical attention if any symptoms persist.

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

Causes serious eye damage

Causes skin irritation

May cause an allergic skin reaction

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

No special treatment required

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### Section 5. FIRE FIGHTING MEASURES

- 5.1. Extinguishing media** Product is an aqueous liquid and is not flammable. Use extinguishing media appropriate to the surrounding fire conditions
- 5.2. Special hazards arising from the substance or mixture**  
Product is an aqueous liquid so is not expected to burn or create special hazards
- 5.3. Advice for firefighters** Wear full protective clothing and suitable respiratory equipment when necessary

### Section 6. ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**  
Wear impervious chemical resistant gloves and approved safety glasses or goggles. Wear protective clothing such as overalls if spillage involves large amounts (>20 litres)
- 6.2. Environmental precautions**  
Do not allow large amounts (i.e. more than 20 litres) of product to enter drains undiluted. Do not allow spillages to enter an open water course or surface water. Prevent further spillage if safe
- 6.3. Methods and material for containment and cleaning up**  
Small spillages (<20 litres) can be washed to a drain (but not one that leads to an open water course or surface water) with at least a 10X dilution in water. For larger spillages, absorb with inert material and sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water
- 6.4. Reference to other sections**  
See sections 8 and 13 for additional information

### Section 7. HANDLING AND STORAGE

- 7.1. Precautions for safe handling**  
Avoid contact with skin and eyes. Adopt best Manual Handling considerations when handling, carrying and dispensing.
- 7.2. Conditions for safe storage, including any incompatibilities**  
Keep in a cool dry, well-ventilated area. Keep containers tightly closed. Store in correctly labelled containers
- 7.3. Specific end use(s)** No exposure scenario currently available

### Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. Control parameters** No exposure limits applicable to components in this product
- 8.2. Exposure controls**
- Engineering measures** No special requirements
- Respiratory protection** Not required
- Hand protection** Wear chemical resistance gloves (PVC, nitrile, neoprene or butyl)

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<b>Eye protection</b>	Wear approved safety glasses or goggles
<b>Protective equipment</b>	Wear protective clothing such as overalls. Wash all contaminated clothing before re-use
<b>Environmental measures</b>	Do not allow product to enter open water courses or surface water

### Section 9. PHYSICAL AND CHEMICAL PROPERTIES

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

<b>Appearance</b>	Straw coloured liquid
<b>Odour</b>	Pleasant
<b>Odour threshold</b>	Not determined
<b>pH</b>	7-8
<b>Melting point/freezing point</b>	0°C
<b>Initial boiling point and boiling range</b>	100°C
<b>Flash point</b>	Not applicable, product is an aqueous liquid
<b>Evaporation rate</b>	Expected to be the same as water
<b>Flammability (solid, gas)</b>	Not applicable, product is an aqueous liquid
<b>Upper/lower flammability or explosive limits</b>	Not applicable, product is an aqueous liquid
<b>Vapour pressure</b>	Expected to be the same as water
<b>Vapour density</b>	Expected to be the same as water
<b>Relative density</b>	1.0
<b>Solubilities</b>	Completely miscible in water
<b>Partition coefficient n-octanol/water</b>	Not applicable, product is an aqueous liquid
<b>Autoignition temperature</b>	Not applicable, product is an aqueous liquid
<b>Decomposition temperature</b>	Not applicable, product is an aqueous liquid
<b>Viscosity</b>	Expected to be the same as water
<b>Explosive properties</b>	No ingredients with explosive properties
<b>Oxidising properties</b>	No ingredients with oxidising properties
<b>9.2. Other information</b>	None available

### Section 10. STABILITY AND REACTIVITY

<b>10.1. Reactivity</b>	No specific hazard
<b>10.2. Chemical stability</b>	Stable under normal conditions
<b>10.3. Possibility of hazardous reactions</b>	Product is an aqueous liquid and no hazardous reaction are expected
<b>10.4. Conditions to avoid</b>	Not determined
<b>10.5. Incompatible materials</b>	None known
<b>10.6. Hazardous decomposition products</b>	None known

### Section 11. TOXICOLOGICAL INFORMATION

#### 11.1. Information on toxicological effects

##### a) Acute toxicity

Estimated oral ATE for mixture is >6,000 mg/kg

The microorganisms in this product are all Group 1 (i.e. considered unlikely to cause human disease) according to EU Directive 2000/54/EC and related legislation.

**b) Skin corrosion/irritation:** Mixture classified as causing skin irritation.

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- c) **Serious eye damage/irritation:** Mixture classified as causes serious eye damage.
- d) **Respiratory or skin sensitisation:** Contains ingredients that may cause sensitisation by skin contact, mixture is classified as Skin Sens.1, H317 May cause an allergic skin reaction. Formulation also contains an ingredient classified as a respiratory sensitiser, but not at a level where classification is required, nor declaration in Section 3.2.
- e) **Germ cell mutagenicity:** Does not contain ingredients that are known germ cell mutagens
- f) **Carcinogenicity:** Does not contain ingredients that are known carcinogens
- g) **Reproductive toxicity:** Does not contain ingredients that are known reproductive toxicants
- h) **STOT single exposure:** Does not contain ingredients that are known to cause single target organ toxicity with single exposure
- i) **STOT repeated exposure:** Does not contain ingredients that are known to cause single target organ toxicity with repeated exposure
- j) **Aspiration hazard:** Does not contain ingredients that are known to cause aspiration hazards

## Section 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Contains ingredients that are toxic to the aquatic environment but at concentrations below that at which classification of mixture is required for acute or chronic effects

### 12.2. Persistence and degradability

Given the classification and degradability information on the ingredients and their concentration in the mixture, product is expected to be biodegradable to at least 90%.

### 12.3. Bioaccumulative potential

Given the classification and environmental behaviour information on the ingredients and their concentration in the mixture, product is not expected to bioaccumulate

**12.4. Mobility in soil**                      Aqueous product, fully soluble in water: not expected to be retained in soil to any significant extent

### 12.5. Results of PBT and vPvB assessment

Not anticipated to be PBT or vPvB

**12.6. Other adverse effects**              None known

## Section 13. DISPOSAL CONSIDERATIONS

**13.1. Waste treatment methods**      Small quantities of product (up to 20 litres on any one occasion) can be disposed of to drain (but not one that leads to an open water course or surface water) with a 10 times dilution with water.

## Section 14. TRANSPORT INFORMATION

- 14.1. **UN number**                              Not regulated
- 14.2. **UN proper shipping name**        Not regulated
- 14.3. **Transport hazard class(es)**        Not regulated
- 14.4. **Packing group**                        Not regulated
- 14.5. **Environmental hazards**            Not applicable
- 14.6. **Special precautions for user**      None required
- 14.7. **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

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Not applicable

### Section 15. REGULATORY INFORMATION

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

The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation EC 648/2004 on detergents. Data to support this statement are held at the disposal of the competent authorities of the Member States.

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### Section 16. ADDITIONAL INFORMATION

<b>Revision</b>	This SDS has been brought into compliance with Regulation 2015/830. Additional information on the REACH status of ingredients has been added in Section 3.2. We have also updated the classification of one of the raw materials based on the latest information on the ECHA Classification and Labelling database. This introduces an extra classification for the product, H315 Causes skin irritation as shown in Sections 2.1 and 2.2. No changes to GHS/CLP symbols and P-phrases have been made as precautions for skin were already covered. Additional phrases regarding skin irritation have been added in Section 4.2 and 11.1b). A modification has been made to the ATE calculation in Section 11.1a). A clarification has been made to the statement on respiratory sensitisation in Section 11.1d). The statement on surfactant biodegradability information has been moved from Section 12.2 to Section 15.1.
<b>Explanation of H-phrases that appear in section 3</b>	H301 Toxic if swallowed H302 Harmful if swallowed H311 Toxic in contact with skin H314 Causes severe skin burns and eye damage H331 Toxic if inhaled H400 Very toxic to aquatic life H410 Very toxic to aquatic life with long lasting effects H411 Harmful to aquatic life with long lasting effects
<b>References</b>	Part 3 of Annex VI of Regulation (EC) No 1272/2008 <a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:353:0001:1355:en:PDF">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:353:0001:1355:en:PDF</a>  Annex II Annex II of (EU) No 453/2010 <a href="http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:133:0001:0043:en:PDF">http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:133:0001:0043:en:PDF</a>  European Chemicals Agency (ECHA) Guidance on the compilation of safety data sheets, Version 3.1, November 2015 <a href="https://echa.europa.eu/documents/10162/23036412/sds_en.pdf/01c29e23-2cbe-49c0-aca7-72f22e101e20">https://echa.europa.eu/documents/10162/23036412/sds_en.pdf/01c29e23-2cbe-49c0-aca7-72f22e101e20</a>
<b>Method used to classify:</b>	Mixture has been classified by reference to information on ingredients
<b>Concentration limits</b>	When diluted according to the manufacturer's instructions, i.e. 1:10 in water, the end product will require no hazard labelling, or H phrases according to EU legislation, as the concentration of BIT (CAS: 2634-33-5) falls below the SCL in Part 3 of Annex VI of Regulation (EC) No 1272/2008. The phrase

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'EUH 208: Contains 1,2-benzisothiazolin-3-one. May produce an allergic reaction.' must appear on labels and SDS of diluted product.

### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.