



**SAFETY DATA SHEET**  
HALOCELL 221 CURING AGENT

Page: 1

Compilation date: 21/01/2016

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Revision No: 2

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** HALOCELL 221 CURING AGENT

**Product code:** 30073

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

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

**Company name:** Mould Growth Consultants Ltd

Unit A3

Longmead Business Centre

Blenheim Road

Epsom

KT19 9QQ

United Kingdom

**Tel:** 01372 743334

**Fax:** 01372 720856

**Email:** [info@mgcltd.co.uk](mailto:info@mgcltd.co.uk)

**1.4. Emergency telephone number**

**Emergency tel:** 01372 743334

(office hours only)

**Section 2: Hazards identification**

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

**Classification under CLP:** Aquatic Chronic 3: H412; Eye Dam. 1: H318

**Most important adverse effects:** Causes serious eye damage. Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

**Hazard pictograms:** GHS05: Corrosion



**Signal words:** Danger

**Precautionary statements:** P280: Wear protective gloves/protective clothing/eye protection/face protection.

[cont...]

# SAFETY DATA SHEET

## HALOCELL 221 CURING AGENT

Page: 2

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P273: Avoid release to the environment.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** HALOCELL 221 CURING AGENT

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water. Remove all contaminated clothes and footwear immediately unless stuck to skin. Get medical attention immediately. Call a poison centre or Doctor.

**Eye contact:** Bathe the eye with running water for 15 minutes. Remove any contact lenses from the eyes before rinsing. Get medical attention if any discomfort continues. Get medical attention immediately. Call a poison centre or Doctor.

**Ingestion:** Get medical attention immediately. Call a poison centre or Doctor. Wash out mouth with water. Never give anything by mouth to an unconscious person. If unconscious and breathing is OK, place in the recovery position.

**Inhalation:** Get medical attention immediately. Call a poison centre or Doctor. Remove to fresh air if feeling unwell. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary.

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

**Skin contact:** Adverse symptoms may include the following: pain or irritation, redness, blistering may occur.

**Eye contact:** May cause severe damage to eyes accompanied by redness and/or burning, which may be severe, with tear formation.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

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

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

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**SAFETY DATA SHEET**  
HALOCELL 221 CURING AGENT

Page: 3

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

**Exposure hazards:** Personnel in vicinity and downwind should be evacuated. This material is harmful to aquatic life with long lasting effects. Do not allow run-off from fire fighting to enter drains or water courses.

**5.3. Advice for fire-fighters**

**Advice for fire-fighters:** Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

**Section 6: Accidental release measures**

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

**Personal precautions:** No action shall be taken involving any personal risk or without suitable training. Evacuate the area immediately.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

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

**Clean-up procedures:** Clean contaminated surface thoroughly. Dispose of as hazardous waste. Transfer to a labelled container for product recovery or safe disposal - otherwise treat as for small spillage. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environment Agency or other appropriate regulatory body.

**6.4. Reference to other sections**

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Avoid prolonged contact with the product. Use only in well-ventilated areas. Use personal protective equipment.

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

**Storage conditions:** Store in a cool, well ventilated area. Keep away from food and drink. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

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

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Workplace exposure limits:** No data available.

**DNEL/PNEC Values**

**DNEL / PNEC** No data available.

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**SAFETY DATA SHEET**  
HALOCELL 221 CURING AGENT

Page: 4

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** In poorly ventilated areas use an approved organic vapour cartridge mask.

**Hand protection:** Chemical resistant gloves required for prolonged or repeated contact. Material of gloves for long term application (BTT>480min) Ethyl Vinyl Alcohol Laminate (EVAL) Butyl gloves. Material of gloves for short term/splash application. Nitrile gloves. Neoprene gloves.

**Eye protection:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to splashes, mists, gases or dust. Goggles giving complete protection to eyes and eyewash bottle with clean sterile solution.

**Skin protection:** Protective clothing with elasticated cuffs and closed neck.

**Environmental:** Ensure emissions from ventilation or equipment comply with environmental protection legislation.

**Section 9: Physical and chemical properties**

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

**State:** Liquid

**Colour:** Pale yellow

**Odour:** Aromatic

**Solubility in water:** Slightly soluble

**Viscosity:** Viscous

**Boiling point/range°C:** >100

**Flash point°C:** >100

**pH:** 10

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

**10.1. Reactivity**

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

**10.4. Conditions to avoid**

**10.5. Incompatible materials**

**Materials to avoid:** Strong acids. Strong bases. Strong oxidising agents.

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**SAFETY DATA SHEET**  
HALOCELL 221 CURING AGENT

Page: 5

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** Hazardous decomposition products are not expected to form during normal storage.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Relevant hazards for product:**

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

**Symptoms / routes of exposure**

**Skin contact:** Adverse symptoms may include the following: pain or irritation, redness, blistering may occur.

**Eye contact:** May cause severe damage to eyes accompanied by redness and/or burning, which may be severe, with tear formation.

**Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

**Section 12: Ecological information**

**12.1. Toxicity**

**Ecotoxicity values:** No data available.

**12.2. Persistence and degradability**

**Persistence and degradability:** No data available.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No data available.

**12.4. Mobility in soil**

**Mobility:** No data available.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** No data available.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal operations:** Dispose of waste and residues in accordance with local authority requirements.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

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**SAFETY DATA SHEET**  
HALOCELL 221 CURING AGENT

Page: 6

**Section 14: Transport information**

**Transport class:** This product does not require a classification for transport.

**Section 15: Regulatory information**

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

**Specific regulations:** Not applicable.

**15.2. Chemical Safety Assessment**

**Section 16: Other information**

**Other information**

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** H318: Causes serious eye damage.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.