

**MATERIAL SAFETY DATA SHEET**

according to EU Directive 93/112/EC

**POWDERED MORTAR PLASTICISER**

Version: 2

Print date: 7.1.05

**1. Identification of Substance/Preparation and Company**

Product Name	Powdered Mortar Plasticiser
Company	Biokil Crown Ltd 7 Stadium Ind Park, Long Eaton Nottingham, NG10 2DD
Telephone	0115 946 0060
Fax	0115 946 9767
Emergency Telephone	07967 10 71 95

**2. Composition / Information on ingredients**

Hazardous ingredients:	CALCIUM LIGNOSULPHONATE 70-90% [Xi] R36/37/38 • AIR ENTRAINING AGENT 0.1-10% [Xn] R22; [Xi] R36/38 • SODIUM SALT OF WOOD ROSIN DERIVATIVE 10-30% [Xi] R36/37/38
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**3. Hazards identification**

Main hazards:	Irritating to eyes, respiratory system and skin.
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**4. First aid measures (Symptoms)**

Skin contact:	There may be irritation and redness at the site of contact.
Eye contact:	There may be irritation and redness. The eyes may water profusely.
Ingestion:	There may be soreness and redness of the mouth and throat.
Inhalation:	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**4. First aid measures (Action)**

Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Eye contact:	Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion:	Wash out mouth with water. Consult a doctor.
Inhalation:	Remove casualty from exposure ensuring one's own safety whilst doing so. Fresh air and rest. Get medical attention if complaint persists.

**5. Fire fighting measures**

Extinguishing media:	Suitable extinguishing media for the surrounding fire should be used.
Exposure hazards:	In combustion emits toxic fumes.
Protection of fire-fighters:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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#### 6. Accidental release measures

Personal precautions:	Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not create dust.
Environmental precautions:	Do not discharge into drains or rivers.
Clean-up procedures:	Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 7. Handling and storage

Handling requirements:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.
Storage conditions:	Store in cool, well ventilated area. Keep container tightly closed.
Suitable packaging:	Must only be kept in original packaging.

#### 8. Exposure controls / personal protection

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

#### 9. Physical and chemical properties

State:	Powder
Colour:	Orange-brown
Odour:	Characteristic odour
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Highly soluble
Also soluble in:	Most organic solvents.
pH:	10>12

#### 10. Stability and reactivity

Stability:	Stable under normal conditions.
Conditions to avoid:	Heat.
Materials to avoid:	Strong oxidising agents. Strong acids.
Haz. decomp. products:	In combustion emits toxic fumes.

#### 11. Toxicological information

Hazardous ingredients:	CALCIUM LIGNOSULPHONATE ORL RAT LD50 >5000 mg/kg
Routes of exposure:	Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

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**12. Ecological information**

Hazardous ingredients: CALCIUM LIGNOSULPHONATE  
FISH 96H LC50 >100 mg/l

Mobility: Soluble in water.

Persistence and degradability: Biodegradable.

Bioaccumulative potential: No bioaccumulation potential.

Other adverse effects: Negligible ecotoxicity.

**13. Disposal considerations**

Disposal operations: Dispose of according to national and local regulations.

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

**14. Transport information**

ADR / RID UN no: -  
Shipping name: "NOT SUBJECT TO ADR"

IMDG / IMO UN no: -

IATA / ICAO UN no: -

**15. Regulatory information**

Hazard symbols: Irritant.



Risk phrases: R36/37/38: Irritating to eyes, respiratory system and skin.

Safety phrases: S23: Do not breathe dust.  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.  
S51: Use only in well-ventilated areas.

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16. Other Information**

Risk phrases used in s.2: R36/37/38: Irritating to eyes, respiratory system and skin.  
R22: Harmful if swallowed.  
R36/38: Irritating to eyes and skin.

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.