

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product information

Trade name : Renocem FC

Red Rock (2004) Ltd.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition: cements, quartz sand, redispersible powder, polymer additives.

Hazardous Ingredient(s)

Symbol	Risk Phrases	Other Information	%
cement Xi	R36/37/38; 43	Cas No: 65997-15-1	>25 <50

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.
Refer to Section 8 for Occupational Exposure Limits.

3: HAZARDS IDENTIFICATION

R 36/37/38 : Irritating to eyes, respiratory system and skin.
R 43 : Can cause sensitization during contact with skin.

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention urgently.

Skin: Wash immediately with copious quantities of water. Remove contaminated clothing immediately.

Obtain medical advice if skin disorders develop.

Inhalation: Remove from exposure, rest and keep warm and obtain medical attention urgently.

Ingestion: Wash out mouth with water. Do not induce vomiting. Obtain medical attention.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	None, not flammable.
Special Exposure Hazards:	None.
Special Protective Equipment:	None.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear rubber boots in addition to the recommended protective clothing.

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Decontamination Procedures: Avoid the creation of dust in atmosphere. Gather into containers.

Residues may be flushed to drain with large volumes of water.

7: HANDLING AND STORAGE

Handling: Avoid creating dust. Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory and eye protection equipment. Avoid skin and eye contact.

Storage: Store in cool, dry area.

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits:-

Substance	8 Hour TWA	STEL	Source/Other Information
Calcium hydroxide	5 mgm-3	---	EH 40
Silica, crystalline respirable dust	0.3 mgm-3 (MEL)	----	EH 40
Portland cement:		-----	EH 40
total inhalable dust	10 mgm-3		
respirable dust	4 mgm-3		

Engineering Control Measures: Atmospheric levels of dust must be maintained within the Occupational Exposure Limit. Where mechanical methods are inadequate or impractical, appropriate personal protective equipment must be used.

Personal Protective Equipment: Impervious gloves (eg PVC). Goggles / Safety glasses. Approved dust mask.

Change contaminated clothing immediately and clean before re-use.

9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder.
Colour:	Grey.
Odour:	Odourless.
pH(working dilution):	>12
Boiling Point/Range (°C):	Not applicable.
Melting Point/Range (°C):	Not applicable
Flash Point (closed, °C):	None.
Autoflammability (°C):	Not determined.
Explosive Properties (%):	Not known.
Relative Density (at 20°C):	1.5
Water Solubility:	Insoluble.

10: STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Exposure to air. Contamination with water.
Materials to Avoid:	Strong acids.
Hazardous Decomposition Products:	None.

11: TOXICOLOGICAL INFORMATION

Health Effects

On Eyes:	Irritating and may injure eye tissue if not removed promptly.
On Skin:	Irritation. See "chronic" effects.
By Inhalation:	Irritating to respiratory system. Inflammation of the nasal mucous membrane by exposure to cement dust.
By Ingestion:	May cause irritation of mouth, throat and digestive tract.
Chronic:	Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Prolonged skin contact can result in chemical burns.

12: ECOLOGICAL INFORMATION

Environmental Assessment: Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant

Mobility:	Insoluble in water.
Persistence and Degradability:	Not readily biodegradable.
Bioaccumulative Potential:	Not expected to be bioaccumulative.
Ecotoxicity:	Not expected to be ecotoxic to fish/daphnia/algae.

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.
Unused Product: Dispose of in an approved manner.
Used/Contaminated Product: As for Unused product.
Packaging: The method of disposal must be acceptable to the local authority.

14: TRANSPORT INFORMATION

This product is not classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:-

Named Ingredients:	cement powders
Symbol(s):	Xi
Risk Phrases:	Irritating to eyes, respiratory system and skin.
Safety Phrases:	Do not breathe dust Avoid contact with skin and eyes In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection
EC Directives:	Dangerous Substances Directive, 67/548/EEC and adaptations. Dangerous Preparations Directive, 88/379/EEC. Safety Data Sheets Directive, 91/155/EEC.
Statutory Instruments:	Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regs. 1996 (SI 1092). Health & Safety at Work, etc. Act 1974. Control of Substances Hazardous to Health Regs. 1994 (SI 3246).
Codes of Practice:	Waste Management. The Duty of Care.

16: OTHER INFORMATION

All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing nor construed as recommending the use of any product in conflict of any patent.