

# MATERIAL SAFETY DATA SHEET

## **1. PRODUCT AND COMPANY DETAILS**

**PRODUCT NAME:** *SMR SOIL STABILISER*

**MANUFACTURED BY:** *SMR (U.K) LTD  
DUNCHIDEOCK BARTON  
DEVON  
EX2 9UA  
TEL: 01392 832453*

## **2. COMPOSITION AND INFORMATION ON INGREDIENTS**

SMR contains irritant substances such as Portland Cement with additions of other inert or non harmful substances. The product also contains an oil based binder which minimises the risk of inhalation.

## **3. HAZARDS INFORMATION**

Hazard Symbols: Irritant  
Risk Phrases: R36/38 Irritating to eyes and skin

### **POTENTIAL HEALTH EFFECTS**

- A. Possible routes of Entry  
Inhalation Skin Eyes Ingestion  
X X
- B. Effects of overexposure : Will cause irritation to exposed skin and other tissue.

## **4. FIRST AID MEASURES**

Skin Contact : Flush affected areas with water. Remove any contaminated clothing and laundry before use. Seek medical advice if symptoms persist.

Eye Contact : Flush with water for at least 15 minutes. Seek medical aid if irritation persists.

Inhalation : Unlikely due to nature of substance.

Ingestion : Unlikely but give water to drink and seek medical advice showing this Document.

## **5. FIRE FIGHTING MEASURES**

The substance is not combustible and in the event of fire use extinguishing media appropriate to the cause of fire and the surrounding area.

## **6. ACCIDENTAL RELEASE MEASURES**

Do not flush into drains or watercourses.

Do not dispose of with other general waste. If the substance cannot be utilised for its intended purpose, shovel into dry containers and dispose of via a licensed disposal operator giving a copy of this document.

## **7. HANDLING AND STORAGE**

Handle carefully and avoid spillage.  
Store in a dry place and away from acids.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection:	Should not be necessary due to dust inhibiting binder. If dust is in evidence wear a disposable "nuisance dust" mask.
Hand Protection:	Always wear waterproof gloves when decanting from bags or containers. Wash hands thoroughly when work is completed or if direct contact with skin is suspected.
Eye Protection:	Avoid transferring the substance to the facial area from contaminated gloves or hands.
Skin Protection:	Avoid contact with skin. This is especially important when working in hot weather when large areas of skin may be exposed. Remove any spillage into Wellington boots immediately. Take precautions as for Cement.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Grey powder with oily odour  
pH : approx. 11  
Solubility : 0.79g/100g water

## **10. STABILITY AND REACTIVITY**

Stability: Normally stable but avoid contact with heat, sparks, flame and oxidising agents  
Materials to avoid: All acids. Strong, oxidising agents. Flammable and/or combustible materials.  
Hazardous decomposition products: None

## **11. TOXICOLOGICAL INFORMATION**

Toxic Dose LD50 : 10g/kg (oral rat)  
Health Warning: This product contains a chemical which may cause skin/eye irritation  
Irritant to eyes and mucous membranes  
Symptoms  
Eye Contact: There may be irritation, redness and watering.  
Skin Contact: Irritation or pain may occur at the point of contact. There may be redness or whiteness of the skin and in severe exposure, blistering may occur.  
Inhalation: There will be a feeling of tightness to the chest with shortness of breath, a cough and a sore throat.  
Ingestion : In the very unlikely event that this product is swallowed there may be soreness and redness of the mouth with pain and difficulty in swallowing.  
Nausea may occur .

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## *SMR Soil Stabiliser*

Acute and Chronic Health Hazards:

Repeated exposure may cause chronic eye irritation.

Carcinogenicity: None of the ingredients in this product have evidence of carcinogenic properties.

## **12. ECOLOGICAL INFORMATION**

Not applicable to this product.

## **13. DISPOSAL CONSIDERATIONS**

Arrange disposal by a licensed disposal operator

## **14. TRANSPORT INFORMATION**

Keep dry and away from Oxidising Agents

## **15. REGULATORY INFORMATION**

Label for supply : Irritant

Risk phrases : R36/38 irritating to eyes and skin

Safety phrases : S13 Keep away from food, drink and animal feeding stuffs.

S24/25 Avoid contact with skin and eyes

S36/37 Wear suitable protective clothing and gloves.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

U.K Regulatory References:

Health and Safety at Work Act 1974

Chemicals (Hazard Information and Packaging for Supply)Regulations 1994

Chemicals (Hazard Information and Packaging for Supply)(Amendment) Regulations 1997

Control of Substances Hazardous to Health Regulation 1994

Control of Pollution Act 1974

Environmental Protection Act 1990

Special Waste Regulations 1996

## **16. OTHER INFORMATION**

If sold to the general public the following Safety Phrases must appear on the packaging:

S1/2 Keep locked up and out of reach of children

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