



Material Safety Data Sheet
01/03/05

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product Name and Brand : **SiCal**
Supplier : Amenity Technology
Address : Phoenix House, Aston Church Road, Saltley, Birmingham. B8 1QE
Contact Number : Tel. +44 (0) 121 325 9951 Fax. +44 (0) 121 325 9150
Emergency Number : Tel +44 (0) 121 325 9951

2. COMPOSITION – INFORMATION ON INGREDIENTS

A nitrogen potassium calcium and silicon based fertilizer with added micronutrients and surfactants from which no hazard is derived.

Chemical Name	EU/CAS No.	Concentration	Hazard	Risk
Potassium Silicate Solution	16871-90-2	<2%	Xi	R38,41

3. HAZARD IDENTIFICATION

Fire Hazard : Non flammable, toxic fumes of sulphur dioxide on decomposition.

Ingestion : May cause gastro-intestinal irritation

Irritant : May cause irritation in contact with skin and serious damage to eyes.

4. FIRST AID MEASURES

Eyes : Contact with eyes may cause severe irritation. Irrigate with copious amounts of eyewash or clean water for 10 minutes minimum. If symptoms persist, seek medical attention.

Skin : Contact with skin, particularly if broken, may cause irritation. Rinse immediately with copious amounts of fresh water. If symptoms persist, seek medical attention.

Inhalation : In the event of inhalation remove from source of inhalation, keep warm and at rest until any symptoms desist. If symptoms persist, seek medical attention. Inhalation may cause irritation of respiratory tract.

Ingestion : May cause gastro-intestinal irritation. Do not induce vomiting. Irrigate mouth with copious amounts of water. Do not give anything to drink. If vomiting occurs place the patient in the recovery position. If symptoms persist, seek medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media : Product is not flammable. Use extinguishers suited to surrounding fire conditions.

Special Fire Fighting : Wear self contained breathing apparatus. Material will support combustion.

Fire Decomposition : May release toxic fumes of sulphur dioxide.

6. ACCIDENTAL RELEASE MEASURES

Precautions : Avoid contact with skin and eyes. Provide an eyewash station.

Spillage ; Evacuate area. Contain and absorb with sand, earth or other inert material. Sweep up and place waste in sealed containers. Contact Local Authority for controlled waste disposal. Notify Environment Agency immediately if large spillage enters drains, sewers or water courses.

7. HANDLING AND STORAGE

Usage Precautions : Wear full overall protective clothing, goggles or face shield, rubber gloves and boots.

Storage Precautions : Keep sealed in original containers. Store in a dry frost-free place above two degrees Celsius.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls : Apply COSHH assessment according to standard (OES) EH 40/94.

Exposure Limits : None established.

Protective Equipment : Wear full protective overall clothing.

Hands and feet : Wear PVC or rubber gloves and boots.

Eyes and Face : Wear face shield or goggles to BS 2092.

Respiration : Wear type approved dust mask.



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Clear Solution.
Odour : No characteristic odour.
Specific Gravity : 1.227 @ 15 degrees Celsius.
Solubility : Completely soluble in water.
pH : 8

10. STABILITY AND REACTIVITY

Stability : Stable in normal ambient conditions.
Hazardous Decomposition : May produce sulphur dioxide.
Materials to Avoid : Chlorites, hypochlorites and acidic substances.

11. TOXOLOGICAL INFORMATION

Skin Toxicity : Irritant, May cause damage in contact with skin.
Eye Toxicity : Irritant, May cause serious damage in contact with eyes.
Inhalation Toxicity : No significant risk. Inhalation of spray mist may cause irritation of respiratory tract.
Ingestion Toxicity : May cause gastro-intestinal irritation.
Long Term Exposure : Not known.

12. ECOLOGICAL INFORMATION

Precautions : Notify Environment Agency immediately if large spillage enters drains, sewers or water courses.
Degradability : Not known.
Aquatic Toxicity : Not known.

13. DISPOSAL CONSIDERATIONS

Disposal Methods : Product requires controlled waste disposal in accordance with Control of Pollution Act 1974 and Special Waste Regulations 1980.
Packaging : Do not re-use packaging for any other purpose. Dispose of used packaging in accordance with Special Waste Regulations 1980.

14. TRANSPORT INFORMATION

Transport : Material is not classified as hazardous or dangerous for transport according to current international regulations.

15. REGULATORY INFORMATION

Labeling EEC Regulations: Material is classified by CHIP regulations for supply as follows:

Mandatory Hazard Symbol: Xi

Risk Phrases : R48 May cause damage to eyes.
: R38 Irritating to eyes.
Safety Phrases : S25 Avoid contact with eyes
: S20/21 When using, do not eat, drink or smoke.
: S2 Keep out of reach of children

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16. OTHER INFORMATION

Validity

The information contained herein relates only to the designated formulation and may not be valid if product is used in combination with other substances. The information is to the best of our knowledge, belief and understanding, true, accurate and reliable at the date of issue. However, the information may neither be exhaustive or complete, and no warranty, guarantee or liability concerning the accuracy or completeness of the information is expressed or implied. It is the user's risk and sole responsibility to verify and satisfy their own criteria and duty of care concerning the validity of the information in relation to their application of the product.

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