

MATERIAL SAFETY DATA SHEET



ANTI - SULPHATE SOLUTION.

Issue: 2. Issue Date: 21/09/2004.

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name. ANTI – SULPHATE SOLUTION.

Supplier. KINGFISHER BUILDING PRODUCTS Ltd.
COOPER LANE.
BARDSEA BUSINESS PARK
ULVERSTON
CUMBRIA.
LA12 9RA.

Telephone: 01229 869100
Fax: 01229 869101
Emergency: As Above

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Ingredient Name.	CAS.No	OEL. 8hr TWA	Health (Class)	Risk (R No.)
Zinc Fluorosilicate	16871-71-9	2.5mg(F)m ³ .	Xn.	R22.

3. HAZARDS IDENTIFICATION

FIRE: - Non Flammable. **ENVIRONMENT:-**

HEALTH: - Absorption of fluoride ions into the blood by any route can cause systemic poisoning. Systemic effects may be delayed by several hours.

Inhalation: - Dust inhalation may cause irritation of the respiratory tract.

Eye Contact: - May cause irritation, redness and watering.

Skin Contact: - May cause irritation and reddening of the skin.

Ingestion: - Irritation of the digestive system.

4. FIRST AID MEASURES.

Inhalation: - Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete seek medical attention.

Eye Contact: - Irrigate thoroughly with water for at least 10 minutes. Obtain medical attention.

Skin Contact: - Drench the skin with copious amounts of water. If large areas of the skin are damaged, or if irritation persists, seek medical attention.

Ingestion: - Wash out mouth with water. DO NOT induce vomiting. If patient is conscious give water to drink. Seek immediate medical attention.

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5. FIRE FIGHTING MEASURES.

- Extinguishing Media: -** Use extinguisher suitable to cause of fire
- Special Fire Fighting Procedures: -** Self contained breathing apparatus.
- Unusual Fire or Explosion Hazards:-**
- Hazardous Decomposition Products: -** Toxic fluoride- containing vapours.
- Protective Measures in Fire: -** .

6. ACCIDENTAL RELEASE MEASURES.

- Personal Protection During Spill: -** Wear appropriate full PPE ref Section 8.
- Precautions to Protect Environment: -** Avoid raising dust.
- Spillage Clean Up Methods :-** Sweep powder into labelled polythene bags and seal securely. wash area with plenty of water.

7. HANDLING AND STORAGE.

- Handling Precautions: -** Ensure good general ventilation. LEV may be necessary.
- Storage Precautions: -** Keep away from mineral acids.
- Storage Criteria: -** Substance must be kept Cool and Dry,

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION.

INGREDIENT.	CAS No.	STD	LT EXP (8 Hrs)	ST EXP (15 Min)
S.Fluoride			2 mg (F) m ³	
Ventilation: -	Ensure good general ventilation and if necessary LEV.			
Respirators: -	Type approved RPE for dusts if OEL is likely to be exceeded.			
Protective Gloves: -	PVA gloves.			
Eye Protection: -	Chemical goggles.			
Hygienic Work Routines: -	Always wash thoroughly after handling chemicals.			

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9. PHYSICAL AND CHEMICAL PROPERTIES.

Appearance: - Liquid **Colour :-** Clear.

Odour:-

Solubility Description: 500 g/l @ 20°C.

Ph of Solution: Acidic

Melting Point (°C): Decomposes.

Relative Density: 2.104

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Materials to Avoid. Mineral Acids.

Hazardous Decomposition Products : Reacts with strong mineral acids to produce toxic and corrosive fume.

11. TOXICOLOGICAL INFORMATION.

Inhalation: Can cause irritation of the respiratory tract.

Ingestion: Absorption of fluoride ions into the blood by any route can cause acute systemic poisoning.

Skin: Prolonged contact with the skin can cause irritation.

12. ECOLOGICAL INFORMATION.

Environmental Hazards: Based on information available from similar products.
Causes brown discolouration of leaves and shedding at 5ppb (as F) sensitive at 0.1 ppb.

Degradability: Will persist in the form of insoluble fluorides.

Aquatic Toxicity: LC, 10 days, Rainbow Trout = 5.9 – 7.5 mg/l (as F).

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of substance and containers via an authorised disposal contractor to an approved waste disposal site. Observe all national and local regulations.

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14. TRANSPORT INFORMATION

Label for Conveyance.

UN No.	2855	Class/ Item No.	6.1, 64 c.
Packing Group.	III	Emergency Action Code	2 II
Primary Hazard.	Toxic	H I Number.	60

15 REGULATORY INFORMATION

Label for Supply : Zinc Fluorosilicate.



Harmful Xn

Risk Phrases : R22. Harmful if swallowed.

Safety Phrases : S13. Keep away from food, drink and animal feeds.
S24/25. Avoid contact with skin and eyes

16 OTHER INFORMATION

User Notes :

THE INFORMATION GIVEN IN THIS DATA SHEET RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. SUCH INFORMATION IS TO THE BEST OF THE COMPANY,S KNOWLEDGE AND BELIEF, ACCURATE AND RELIABLE AS OF THE DATE INDICATED. HOWEVER NOWARRANTY, GUARANTEE OR REPRESENTATION IS MADE AS TO ITS ACCURACY,RELIABILITY OR COMPLETENESS. IT IS THR USER'S RESPONSIBILITY TO SATISFY THEMSELVES AS TO THE SUITABILITY OF SUCH INFORMATION FOR THEIR OWN USE