

MATERIALS SAFETY DATA SHEET

KILROCK PRODUCTS LTD., UNIT 1B ALMA ROAD, CHESHAM, BUCKS HP5 3HB

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1. Identification of the Substance/preparation and of the Company/undertaking

Product Name : Slimline Moisture Trap 500gm
: Jumbo Moisture Trap 1000gm
: Refill Bags 500gm
: Refill Pail 2.5Kg
: Wardrobe Fresh & Dry
: Mini Moisture Trap

Chemical Name : Calcium Chloride 82%
Synonyms : Calcium Chloride, dihydrate: Calcium (II) Chloride: Calcium Chloride: Klorcalcium: Kalcium (II) klorid: Kalciumdiklorid

EMERGENCY ONLY

TELEPHONE NUMBER : R. Davis **Telephone No** : 07836 526420
Formula : CaCl₂ **Molecular Mass** :

2. Composition/information on ingredients

Ingredient : Calcium Chloride (CAS No.10043-52-4) Classification Xi, 36

3. Hazards identification

Human health hazards : The product may act as an irritant in the eyes. Spillages cause risk of slipperiness. The product may dry out mucous membranes

4. First-aid measures

First-Aid measures

General : Bring the patient to fresh air and safety.
Inhalation : Remove to fresh air.
Ingestion : Drink plenty of water . Contact doctor if major amounts have been swallowed.
Skin Contact : Wash the skin with water and soap. Contact a doctor if skin irritation appears.
Eye Contact : Rinse immediately with plenty of water for 10-15 minutes and with the eye lids wide apart Remove contact lenses first if applicable,. Use lukewarm water if possible. Contact a doctor if irritation occurs..

5. Fire-fighting measures

Extinguishing Media : Not combustible. Use extinguishing media appropriate to the surrounding fire.
Extinguishing media to be avoided : None
Special fire-fighting procedures : None.
Protection of fire-fighters : Chemical protective suit and self breathing apparatus..
Unusual fire and explosion hazards : When heated to decomposition toxic fumes/gases of hydrochloric acid/hydrogen chloride may be formed.

6. Accidental Release Measures

Personal Precautions : Normal protective clothing is sufficient. Wear rubber boots.
Environmental Precautions : Prevent release to ground, air or water or drain by retaining dike or by covering the spillage with inorganic (inert) material e.g. sand, gravel or equivalent. Stop leakage. If the product contaminates sea, lakes or drains inform appropriate authorities in accordance with local regulations.
Methods of cleaning up : Major spillage is carefully collected mechanically and put in a separate, resistant, container for later disposal, Minor spill and small remaining can be flushed down the drain with plenty of water.

7. Handling and Storage

Handling : Avoid formation of dust and that the product gets in contact with the skin.
Storage : Store in properly sealed original packaging. Store the product under dry condition and away from moisture.
Other Information : The product is hygroscopic

8. Exposure Controls/Personal Protection

Occupational Exposure Limits	: Ensure proper ventilation, especially in confined areas. Emergency shower and eye washing facilities should be within easy reach.
Hygiene Measures	: Wash Hands after handling compounds and before eating, smoking, using lavatory, and at the end of the day.
Personal protection	: Normal protective clothing is sufficient. Wear rubber boots.
Respiratory Protection	: Use a breathing apparatus with filter P2 when working at insufficient ventilation
Eye Protection	: Use protective glasses at dusty handling.
Other Information	: Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Physical state	: Flakes. Powder.
Colour	: White
Odour	: Odourless
Boiling Point	: >1600° C
Melting Point	: 772 °C
Boiling Point	: >1600° C
Vapor Pressure	: Insignificant
Decomposition Point	: >1600°C
PH Solution	: 9-10.5I 10% water-soluble
Molar Weight	: 111
Bulkdensitet g/cm3	: ca 0.75-1.0
Density	: 2.15
Solubility in Water	: 745g/l (20°C)

10. Stability and Reactivity

Stability	: The product is stable at normal handling. Protect from moisture..
Materials to Avoid	: Calcium Chloride reacts violently with a mixture of boron oxide and calcium oxide. A violent polymerization occurs if calcium chloride is mixed with methyl vinyl ether and bromine trifluoride
Hazardous Decomposition	: When heated to decomposition toxic fumes/gases of hydrochloric acid/hydrogen chloride may be formed.

11. Toxicological Information

Acute Toxicological Information	: Oral LD50 = 1000mg/kg Rabbit
Acute dermal toxicity	: LD50 = 2630 mg/kg.

12. Ecological Information

Mobility	: Soluble in water and mobile.
Degradability	: The product is not biodegradable (inorganic product)
Bioaccumulation	: This product does not bio-accumulate.
Ecotoxicity	: This product is not acute toxic for water organisms.
Other Information	: This product increases the water hardness.

13. Disposal Considerations

Methods of Disposal	: Contact local authorities for information if spill or waste cannot be recycled.
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14. Transport Information

International Transport Regulations
NOT REGULATED

15. Regulatory Information

Regulatory Information

Classification	: Irritant
Label for Supply	



Risk Phrases	: R36 – Irritating to eyes
S-Phrases	: S22 Do not breathe dust
	: S24 Avoid contact with the skin

16 Other Information

Recommended Uses and Restrictions : Please consult the product and/or application information for this product.

HISTORY

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Notice to Reader

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Final determination of suitability of any material is the sole responsibility of the user. All materials my present unknown hazards and should be used with caution. Although certain hazards are described herein we cannot guarantee that these are the only hazards that exist.

KILROCK PRODUCTS LTD.