

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: Snowclear
Supplier: Chemical Solutions
42 Kennel Lane
Fetcham
Surrey KT22 9PJ
0870 2408893

2 INFORMATION ON INGREDIENTS

Product Description : Prilled Calcium Chloride
Hazardous Ingredients:
Material or Component CAS No % Range Symbol Risk Phrases
Calcium Chloride 10043-52-4 70-100% Xi R36

3 HAZARDS IDENTIFICATION

Irritating to eyes with possible burns on prolonged contact. Solid may cause mild irritation on dry skin; strong solutions or solid in contact with moist skin may cause severe irritation, even burns. May be harmful if ingested.

4 FIRST AID MEASURES

Eyes: Wash with plenty of water for 15mins, if irritation persists, seek medical advice
Skin: Wash with plenty of water, if any irritation, seek medical advice
Ingestion: May cause diarrhoea and vomiting when large quantities are ingested. Dilute by drinking water.
Inhalation: Remove from exposure area to fresh air immediately. Get medical attention if needed.

5 FIRE FIGHTING MEASURES

The product is non-flammable and is not an explosion hazard. Exposure to temperature above 175°C gives formation of toxic chloride gases. In case of fire direct surrounding, preferably do not extinguish with water.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate protective (impervious) clothing
Environmental Precautions: Stop leaks if possible. Take up with sand or other absorbent material and place into containers for disposal later.
Spillages: Small amounts can be washed away with water, dispose of large amounts in accordance with local regulations.

7 HANDLING AND STORAGE

Handling: Avoid formation of dust. Avoid contact with skin and eyes
Storage: In a cool dry place in a tightly closed container. Store away from incompatible substances.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Respiratory Protection: Dust mask (in case of dust)
Hand Protection: Protective gloves
Eye Protection: Wear safety goggles or face shields
Skin Protection: Work overalls
Occupational Exposure Limits:

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Colour:	Colourless to white, granular powder
Odour:	Odourless
pH Value:	10 (aqueous solution 10%)
Boiling Range (oC):	>1600
Melting Point (oC)	780
Flash Point (oC):	N/A
Auto Ignition Temp. (oC):	N/A
Explosive Limits in Air:	N/A
Vapour Pressure @20oC:	N/A
Relative Density @20oC:	2.15
Water Solubility:	Soluble with evolution of heat
Other Data:	Bulk Density 600 Kgs/M ³

10 STABILITY AND REACTIVITY

Conditions to Avoid:	Temperatures above 100°C, contact with water
Materials to Avoid:	Acids
Hazardous Decomposition:	Emits toxic chlorine fumes when heated to decomposition.

11 TOXICOLOGICAL INFORMATION

Eyes:	Wash with plenty of water for 15mins, if irritation persists, seek medical advice
Skin:	Wash with plenty of water, if any irritation, seek medical advice
Ingestion:	May cause diarrhoea and vomiting when large quantities are ingested. Dilute by drinking water.
Inhalation:	Remove from exposure area to fresh air immediately. Get medical attention if needed.
Acute toxicity:	LD50 oral rat 1.000mg /Kg (100% calcium chloride)
Sensitisation:	N/A
	Product is moderately toxic by ingestion, slightly toxic by dermal absorption.

12 ECOLOGICAL INFORMATION

Biodegradability:	No data available
Toxicity:	No data available
Distribution:	No data available
Mobility:	No data available
	Calcium chloride is made from naturally occurring minerals which are low in toxicity and should present no unusual hazards to the environment under most circumstances.

13 DISPOSAL CONSIDERATIONS

Product:	Observe all state and local regulations.
Packages:	According to local regulations

14 TRANSPORT INFORMATION

Classification for Transport:	Irritant, Xi
UN Number:	
UN Proper Shipping Name:	Calcium Chloride
ADR/RID Class:	N/A
ADR/RID Item No.:	N/A
IMDG Packaging Group:	3
IMDG Class:	8

15 REGULATORY INFORMATION

EEC Classification:	Irritant, Xi
Risk Phrases:	R36/38: Irritating to eyes and skin
Safety Phrases:	S2: Keep out of reach of children
	S22: Do not breathe dust.
	S24/25: Avoid contact with eyes and skin

16 OTHER INFORMATION

This data sheet was prepared in accordance with Directive 91/155/EEC
Conforms to CHIP 3 (2002)
Revision date: February 2004