

Anchem Sales

120 Stronach Cres., London, ON, N5V 3A1 Canada

**PRODUCT NAME: Calcium Chloride 77% Flake****CA150-77****SECTION 01: PRODUCT INFORMATION AND COMPANY INFORMATION**

MANUFACTURER: Same as above
PREPARED BY: Production Department
VERSION DATE: 29-Apr-15
TELEPHONE NO.: (519) 451-1614
EMERGENCY PHONE NO.: (613) 996-6666
CHEMICAL FAMILY Not Available **CHEMICAL FORMULA** Not Applicable
MOLECULAR WEIGHT Not Applicable **MATERIAL USE:** Please Refer to technical literature
SYNONYMS:

SECTION 02: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredients	Conc. Approx. %	C.A.S. #	LD/50 (RTE/SPEC)	LC/50 (RTE/SPEC)	TLV
Calcium Chloride Dihydrate	60-100	010035048	1000 mg/kg Acute	N.Av.	N.Av.

SECTION 03: HAZARD IDENTIFICATION**ROUTE OF ENTRY**

Eyes: Product is an irritant. May produce burns.
Skin: Hazardous in case of skin contact (irritant). May produce burns.
Inhalation Spray mist may produce sever irritation of respiratory tract
Ingestion: Irritating to mouth, throat and stomach.

SECTION 04: FIRSTAID

Skin Contact: Flush skin with water. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. Thoroughly clean Shoes before reuse. Get medical attention. For Hazardos skin contact wash with disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Get medical attention.
Eye Contact: Check for and remove contact lenses. Immediately flush eyes with running of water for at least 15 minutes, keeping eyelids open. Get medical attention.
Inhalation, Acute Remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anythin by mouth to an unconscious person. Have conscious person drink several glasses of water or milk. Get medical attention.

Notes to physician: N.Av.

SECTION 05: FIRE EXPLOSION HAZARD AND FIRE FIGHTING MEASURES

FLAMMABLE? No
IF YES, UNDER WHICH CONDITIONS?
FLASH POINT (TCC) (C): Not Available
FLAMMABLE LIMITS: **LEL(% BY VOL.):** Not Available **UEL(% BY VOL.):** Not Available
AUTO IGNITION TEMPERATURE (C) Not Available
EXTINGUISHING MEDIA Use media sutiable for surrounding materials.
SPECIAL PROCEDURES:
HAZARDOUS COMBUSTION PRODUCTS: Not Available

UNUSUAL FIRE AND EXPLOSION HAZARDS Not Available
SENSITIVITY TO STATIC DISCHARGE Not Available
SENSITIVITY TO MECHANICAL IMPACT: Not Available

SECTION 06: ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedure: Small Spill: Use appropriate tools to put the spilled solid in a convient waste disposal container.
 Large Spill: Pick up solids and put in an appropriate sealed container for later disposal. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requierments. Prevent entry into sewers, basements or confined area; dike if needed.

SECTION 07: HANDLING AND STORAGE

Handling Procedures and Storage Requirements

DO NOT ingest. Do not breath dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with the skin and eyes.

Keep container tightly closed. Keep container in a cool, well ventilated area. Prolonged storage may cause product to cake and become wet from atmospheric moisture.

SECTION 08: PERSONAL PROTECTIVE EQUIPMENT / EXPOSURE CONTROLS

GLOVES/TYPE: Impervious chemical resistant gloves.
RESPIRATOR/TYPE: Dust respirator.A NIOSH/MSHA respirator or equivalent.
EYE/TYPE: Splash goggles.
OTHER/TYPE: Not Available
ENGINEERING CONTROL Use process enclosres, local exhaust ventilation, or other engineering cotrols to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIE

PHYSICAL STATE/APPEARANCE:	Solid (Flakes solid)	ODOUR THRESHOLD:	N. Av.
ODOUR:	Odorless	VAPOUR DENSITY (Air=1):	N. Av.
VAPOUR PRESSURE (mm Hg @ 20C):	N. Av.	SPECIFIC GRAVITY:	N. Av.
EVAPORATION RATE (Ether = 1):	N. Av.	FREEZING POINT (C)	
BOILING POINT (C):	N. Av.	% VOLATILE (WT):	
Ph (% SOLUTION):	Basic		
SOLUBILITY IN WATER (% W/W)	Soluble in water.		

SECTION 10: STABILITY AND REACTIVITY

CHEMICALLY STABLE? Yes

IF NO, UNDER WHICH CONDITIONS?

INCOMPATIBILITY WITH OTHER SUBSTANCES No

IF YES, WITH WHICH ONES:

SPECIAL REACTIVITY AND UNDER WHAT CONDITIONS Bromine trifluoride, or a mixture of boron trioxide and calcium oxide. Sulphuric Acid: yeilds hydrogen chloride gas, which is corrosive, irritating, and reactive. Water-reactive materials, such as sodium: causes an exothermic reaction. Methyl vinyl ether: starts runaway plymerizatio reaction. Zind as in galvanized iron: yeilds hydrogen gas with solutions, which may explode under these conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMIT OF MATERIAL Not available.
LC 50 OF MATERIAL, SPECIES AND ROUTE Oral 1940 mg/kg mouse
LD 50 OF MATERIAL, SPECIES AND ROUTE
CARCINOGENICITY OF MATERIAL Not available

REPRODUCTIVE EFFECTS: Not available
IRRITANCY OF MATERIAL Eye, skin and respiratory irritant.
SENSITIZING CAPABILITY OF MATERIAL Not available
SYNERGISTIC MATERIALS Not available

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY Harmful to aquatic life at concentration greater than 500 ppm. CaCL₂ not bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Disposal of all waste must be done in accordance with municipal, provincial and federal regulations.

SECTION 14: TRANSPORT INFORMATION

TDG CLASSIFICATION Class 0, Non Regulated

UN NUMBER:

PACKING GROUP:

Special Provisions for Transport

SECTION 15: REGULATORY INFORMATION

WHMIS CLASSIFICATION D-2B

Material causing other toxic effects. (Toxic)

SECTION 16: OTHER INFORMATION

ABBREVIATIONS USED: N.Av. = Not Available
N.App. / N.Ap. = Not Applicable

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SOURCES: Supplier MSDS

For updated copies of an MSDS, please contact Anchem Sales at the address/phone number on Page 1 or fax the MSDS Co-ordinator at (519) 451-4593.

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