



MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT & COMPANY IDENTIFICATION:

Product Identifier: Calcium Thiosulfate Solution

Trade Name: CAPTOR

Supplier Name & Address:

FLOCHEM LTD.

6986 Wellington Rd. 124

Guelph, Ontario, N1H 6J4

Emergency Phone Number:

877-378-7745

Effective Date: December 30, 2015

SECTION 2 - COMPOSITION/INFORMATION INGREDIENTS:

<u>Chemical</u>	<u>CAS #</u>	<u>%</u>
Calcium Thiosulfate	10124-41-1	20-30%
Water	7732-18-5	70-80%

SECTION 3 - HAZARDS IDENTIFICATION:

Route of Entry: Eyes, Skin, Ingestion, Inhalation
(See Section 11 for Toxicological Information)

SECTION 4 - FIRST AID:

Eye Contact: Immediately flush eyes with cold, running water for at least 15 minutes.
Seek medical attention immediately.

Skin Contact: Immediately wash skin with plenty of soap and water for a minimum of 15 minutes while removing contaminated clothing. Wash clothing prior to reuse. Seek medical attention immediately.

Ingestion: If product is ingested, have victim drink water or milk. Induce vomiting.
Seek medical attention immediately.

Inhalation: If product is inhaled, remove victim to fresh air. Aid in breathing with oxygen if necessary.
If victim is unconscious give artificial respiration. Seek medical attention immediately.

SECTION 5 - FIRE FIGHTING MEASURES:

Flammable Properties: Non-Flammable

Fire Extinguishing Procedures: As appropriate for combustibles involved in fire.

Fire & Explosion Hazards: Heating to dryness may cause release of Oxides of Sulfur.

Fire Fighting Equipment: Wear self-contained breathing apparatus, positive pressure type, NIOSH approved, full protective gear.

SECTION 6 - ACCIDENTAL RELEASE MEASURES:

Spill/Leak Procedures:

Evacuate/confine area. Clear non-emergency personnel from area. Ventilate area of spill or leak. Contain material to prevent contamination of soil, surface water or ground water. Dike spills immediately and recover as much of the solution as possible.

SECTION 7 - HANDLING & STORAGE:

Store in well-ventilated areas. Do not store combustibles in the area of storage vessels. Keep away from sources of heat or flame. Store totes and smaller containers out of direct sunlight and at moderate temperatures.

Avoid contact with the eyes and avoid prolonged breathing of vapours. Avoid repeated contact with the skin and wash hands thoroughly after use.

SECTION 8 - EXPOSURE CONTROLS:

Provide general and/or local exhaust ventilation to control airborne levels below the exposure guidelines.

Use chemical goggles and Neoprene gloves and apron should be worn to prevent prolonged contact with the liquid. Avoid breathing vapours.

SECTION 9 - PHYSICAL PROPERTIES:

Appearance: Water-white to pale yellow liquid.

pH: 6.5 - 8.0

Vapour Pressure: 37 mm HG @ 100 Deg F

NSF MUL: 50 mg/litre.

Odour: None

Specific Gravity: 1.20 - 1.32 (10.0-11.0 lbs./gal)

Boiling Point: 212 Deg F with decomposition.

SECTION 10 - STABILITY & REACTIVITY:

Chemical Stability:

Stable under recommended storage conditions.

Hazardous Polymerization:

Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION:

Eyes: Mist may cause eye irritation.

Skin: Prolonged exposure may cause skin irritation and a burning sensation.

Ingestion: Ingestion may cause gastrointestinal irritation or ulceration.

Inhalation: Mist may cause throat/respiratory irritation.

SECTION 12 - ECOLOGICAL CONSIDERATIONS:

Not available.

SECTION 13- DISPOSAL CONSIDERATIONS:

Calcium Thiosulfate is not considered a hazardous waste. Consult Provincial and Municipal regulations for disposal consideration.

SECTION 14 - TRANSPORT INFORMATION:

TDG INFORMATION: Not a hazardous material in accordance with TDG regulations.

SECTION 15 - REGULATORY INFORMATION:

On the DSL and TSCA Inventory. NSF certified, maximum usage rate of 50 mg/L.

SECTION 16 - OTHER INFORMATION:

Disclaimer:

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED TO THE BEST OF OUR KNOWLEDGE, TO BE ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS OBTAINED FROM THE USE THEREOF.

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