

# SAFETY DATA SHEET

Date Issued : 08/30/2019  
SDS No. : Imperial Calcium

## Essential Elements Calcium

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Essential Elements Calcium

**GENERAL USE:** Calcium Hardness increaser

**DISTRIBUTOR**

Imperial Pools

33 Wade Road

Latham, NY 12110

**Product Stewardship:** (518) 786-1212

**24 HR. EMERGENCY TELEPHONE NUMBERS**

InfoTrac 24-Hour Emergency #: (800) 535-5053

### 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS**

Serious Eye Damage, Category 2

**Health:**

Acute Toxicity (Oral), Category 4

**GHS LABEL**



Exclamation  
mark

**SIGNAL WORD:** WARNING

**HAZARD STATEMENTS**

H319: Causes serious eye irritation.

H302: Harmful if swallowed.

**PRECAUTIONARY STATEMENT(S)**

**General:**

P264: Wash ... thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

74880IHY: Wear eye/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.

P330: Rinse mouth.

P501: Dispose of contents/container to ...

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Calcium Chloride	74 - 100	10043-52-4
Water	0 - 26	7732-18-5
Sodium Chloride	< 3	7647-14-5
Potassium Chloride	< 3	7447-40-7
Magnesium Chloride	< 0.05	7786-30-3

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### 4. FIRST AID MEASURES

**EYES:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Obtain medical attention if irritation persists.

**SKIN:** Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

**INGESTION: IF SWALLOWED:** Call a POISON CONTROL CENTER or doctor/physician if you feel unwell. Rinse mouth.

**INHALATION:** Move to fresh air. Get medical attention immediately if symptoms occur.

**NOTES TO PHYSICIAN:** Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

**GENERAL HAZARD:** Avoid generating dust. Under certain conditions may cause respiratory irritation. Thermal decomposition can lead to release of irritating and toxic gases and vapors.

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### 6. ACCIDENTAL RELEASE MEASURES

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Prevent entry into waterways, sewers, basements or confined areas.

**GENERAL PROCEDURES:** Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically and collect in suitable container for disposal. Use personal protective equipment.

**COMMENTS:** Avoid contact with the skin and eyes. Avoid dust formation.

### 7. HANDLING AND STORAGE

**HANDLING:** Ensure adequate ventilation. Avoid contact with eyes and skin. Wash thoroughly after handling. Avoid breathing dust. Avoid dust formation.

**STORAGE:** Keep container tightly closed in a dry and well-ventilated place.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Calcium Chloride	OSHA PEL	TWA		
	ACGIH TLV	TWA	10 mg/m <sup>3</sup> [1]	[1]
	Supplier OEL	TWA	10 mg/m <sup>3</sup>	
<b>Footnotes:</b>				
1. For nuisance particulate (inhalable particulate)				

**ENGINEERING CONTROLS:** Local exhaust.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with non-flexible side shields or chemical goggles.

**SKIN:** Wear appropriate chemical impervious clothing, gloves and boots whenever there is potential for skin contact with product (PVC or Rubber). Launder clothing before reuse. Maintain safety shower at all locations where skin contact is imminent. Contact your local safety equipment supplier to assist the facility in determining proper selection of personal protective equipment for the applications/operations present at your facility. Wear resistant gloves (consult your safety equipment supplier). Discard gloves that show

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tears, pinholes, or signs of wear.

**RESPIRATORY:** No respirator is required under normal conditions of use. Use of a NIOSH-approved respirator (N95 or greater) should be based on the presence of nuisance dusts.

**WORK HYGIENIC PRACTICES:** When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Provide regular cleaning of equipment, work area and clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Solid

**ODOR:** None.

**APPEARANCE:** White pellet flakes.

**pH:** Not Available

**FLASHPOINT AND METHOD:** Not Applicable.

**FLAMMABLE LIMITS:** 0 to 0

**VAPOR PRESSURE:** Not Available

**VAPOR DENSITY:** Not Available

**MELTING POINT:** 187°C (369°F) to 773°C (1424°F)

**SOLUBILITY IN WATER:** 40% @ 68 deg F (20 deg C) with evolution of heat

**SPECIFIC GRAVITY:** 2.15 At 77 degrees F.

### 10. STABILITY AND REACTIVITY

**REACTIVITY:** No data available.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable under recommended storage conditions.

**CONDITIONS TO AVOID:** Dust formation.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Chlorine gas.

**INCOMPATIBLE MATERIALS:** Zinc, Bromine tri-fluoride, Methyl vinyl ether.

### 11. TOXICOLOGICAL INFORMATION

#### ACUTE TOXICITY

**DERMAL LD<sub>50</sub>:** 2630 mg/kg (rat)

**Notes:** Calcium Chloride

**ORAL LD<sub>50</sub>:** 1000 mg/kg - Rat

**Notes:** Calcium Chloride

#### CARCINOGENICITY

**NOTES:** Contains no ingredients above reportable quantities listed as a carcinogen.

#### COMMENTS: Likely Routes of Exposure:

**Inhalation:** May cause irritation of respiratory tract.

**Eye Contact:** Irritating to eyes.

**Skin Contact:** May cause irritation to skin.

**Ingestion:** Harmful if swallowed.

### 12. ECOLOGICAL INFORMATION

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### AQUATIC TOXICITY (ACUTE)

**96-HOUR LC<sub>50</sub>:** 10650 mg/L (Lepomis macrochirus)

**48-HOUR EC<sub>50</sub>:** 2400 mg/L (Daphnia Magna)

**Notes:** Calcium Chloride

**COMMENTS:** Product will not biodegrade or accumulate.

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Dispose in accordance with all applicable regulations.

**RCRA/EPA WASTE INFORMATION:** This product does meet the criterial of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

### 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Not Regulated.

### 15. REGULATORY INFORMATION

#### UNITED STATES

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HEALTH HAZARDS:** Not listed.

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA RQ:** No.

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA STATUS:** All ingredients in this mixture are in compliance with TSCA.

#### REGULATIONS

**STATE REGULATIONS:** Not regulated.

**CALIFORNIA PROPOSITION 65:** There are no chemicals present known to the State of California to cause cancer.

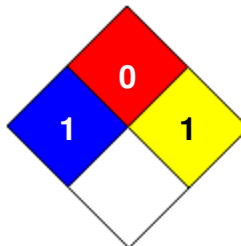
### 16. OTHER INFORMATION

Date Prepared: 08/30/2019

#### HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	0
PHYSICAL HAZARD	<input type="checkbox"/>	1
PERSONAL PROTECTION	<input type="checkbox"/>	

#### NFPA CODES



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