



SAFETY DATA SHEET
Liquid Calcium Balancer - 0600

Product Name: Liquid Calcium Balancer
Date: 8/6/2015

SECTION 1 **IDENTIFICATION**

Supplier: Phoenix Products Company
55 Container Drive
Terryville, CT 06786
(860) 589-7502

Distributor:

U.S. PERS Emergency Telephone: 1-800-633-8253
Product Name: Liquid Calcium Balancer
Synonyms: Not Available
Chemical Name: Calcium Chloride
Chemical Formula: CaCl₂
CAS Number: 10043-52-4
Product Use: Increases water hardness and helps prevent corrosion due to soft water.

SECTION 2 **HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW

May cause skin and eye irritation. May be harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear safety glasses and rubber gloves when handling this product. If product gets on clothing, remove and wash before reuse. Do not mix with other chemicals.

Potential Health Effects

Eyes: May cause eye irritation. Avoid contact with eyes.
Skin: May cause skin irritation. Avoid contact with skin.
Ingestion: Single dose oral toxicity is considered to be low, however, ingestion may cause gastrointestinal irritation or ulceration.
Inhalation: This product is not expected to present an inhalation hazard.
Chronic: There are no known chronic hazards.

Routes of Entry: Skin Contact, Ingestion, Eye Contact.

SECTION 3 **COMPOSITION, INFORMATION ON INGREDIENTS**

Component	CAS Number	Percent
Calcium Chloride	10043-52-4	20%-30%
Sodium Chloride	7647-14-5	<1%
Potassium Chloride	7447-40-7	<1%
Strontium Chloride	10476-85-4	<1%

SECTION 4 **FIRST-AID MEASURES**

Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.

Skin Contact: Wash with plenty of soap and water. Get medical attention if irritation persists.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass



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of water if able to swallow. Do not induce vomiting unless told to by a poison control center for doctor. Do not give anything by mouth to an unconscious person.

Inhalation: Not an expected route of overexposure.

SECTION 5 **FIRE FIGHTING MEASURES**

Flashpoint and Method: Not applicable.

General Hazard: This product is not flammable or combustible

Extinguishing Media: This material does not burn. If exposed to fire from another source, use suitable extinguishing agent for that fire.

Fire Fighting Equipment: Firefighters should wear full protective clothing and self-contained breathing apparatus (SCBA). Thoroughly decontaminate fire-fighting equipment including all fire fighting wearing apparel after the incident.

SECTION 6 **ACCIDENTAL RELEASE MEASURES**

General Procedures: Utilizing appropriate clothing and safety equipment, contain spill material. Cover the liquid with an inert absorbent. Using clean, dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry plastic containers for disposal. Dispose of according to local, state and federal regulations.

SECTION 7 **HANDLING AND STORAGE**

General Procedures: Avoid contact with eyes, skin or clothing. Avoid breathing dust.

Handling: Mix only with water. Do not mix with other chemicals.

Storage: Keep this product in original tightly closed container when not in use. Do not reuse container, but place in trash collection.

SECTION 8 **EXPOSURE CONTROLS/PERSONAL PROTECTION**

Exposure Guidelines

Exposure Limits

		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Calcium Chloride	TWA	-	-	-	-	10	-
	STEL	-	-	-	-	15	-
Strontium Chloride	TWA	-	-	-	-	15	-
	STEL	-	-	-	-	15	-

Engineering Controls: General room ventilation plus local exhaust should be used to minimize exposure to dust/vapors.

Personal Protective Equipment



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Eyes & Face: Wear goggles or safety glasses with side shields when handling this product.
Skin: Wear rubber gloves when handling this product. Avoid contact with skin.
Respiratory: None required for normal use.

Work Hygienic Practices: Remove and wash contaminated clothing before reuse.

Other Use Precautions: Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

SECTION 9 **PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Clear Liquid
Odor:	Odorless
pH:	7.5-8.5
Vapor Pressure:	Not Applicable.
Vapor Density:	Not Applicable.
Boiling Point:	~(212°F)
Freezing Point:	Not Established.
Solubility in Water:	Soluble
Specific Gravity:	2.2 g/cc at 25°C

SECTION 10 **STABILITY AND REACTIVITY**

Conditions to Avoid: High temperature. Poor ventilation. Contamination.

Stability: This product is stable under normal conditions.

Polymerization: Hazardous polymerization will not occur under normal conditions.

Hazardous Decomposition Products: Thermal decomposition products may include toxic and corrosive halogen fumes.

Incompatible Materials: Avoid contact of concentrated material with metals. Other swimming pool/spa chemicals in their concentrated forms.

SECTION 11 **TOXICOLOGICAL INFORMATION**

Acute

Skin: >5000 mg/kg in rabbits
Toxicological information given is for the active ingredient.

Oral LD₅₀: 967-1668 mg/kg of body weight in rats.
Toxicological information given is for the active ingredient.

Eye Effects: This product may be irritating to eyes.

Skin Effects: This product may be irritating to skin.

Carcinogenicity

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.



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Mutagenicity: This product is not mutagenic in several in vitro tests.

SECTION 12 *ECOLOGICAL INFORMATION*

Ecotoxicological Information: Based largely on data for the major component, this material is practically non-toxic to aquatic organisms on an acute basis (LC50 greater than 100 mg/L in most sensitive species). Using best practices, keep product from entering waterways and watersheds.

SECTION 13 *DISPOSAL CONSIDERATIONS*

Disposal Method: Dispose of product in an approved chemical incinerator or in an approved chemical landfill in accordance with current federal, state and local regulations.

Product Disposal: Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations.

Empty Container: Do not reuse container. Rinse thoroughly before discarding in trash.

SECTION 14 *TRANSPORTATION DATA*

DOT: Not Regulated.
TDG: Not Regulated.
MEX: Not Regulated.
IATA: Not Regulated.

SECTION 15 *REGULATORY INFORMATION*

United States

Sara Title III (Superfund Amendments and Reauthorization Act)

313 Reportable Ingredients: This product or its components are not listed.

CERCLA (Comprehensive Response, Compensation, and Liability Act)

CERCLA Regulatory: This product or its components are not listed.

TSCA (Toxic Substance Control Act)

TSCA Regulatory: This product or its components are not subject to export notification.

TSCA Status: This product or its components are listed on the TSCA Inventory.

OSHA Hazard Comm. Rule: Product is hazardous by definition of the Hazardous Communication Standard.

FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act): This product is not a registered pesticide.



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SECTION 16 ADDITIONAL INFORMATION

HMIS Classification	
Health	1
Fire	0
Reactivity	0
Protection	B

NFPA Classification	
Health	1
Fire	0
Reactivity	0

No representations or warranties, either expressed or implied, of merchant ability, fitness for a particular purpose or any other nature are made hereunder with respect to information or the product to which information refers.

Date: 8/6/2015
Phoenix Products Company