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## Fritz ProAquatics Calcium Chloride

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### SECTION 1: Product Information

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<b>Date Revised</b>	04/27/11
<b>Brand Name</b>	Fritz ProAquatics
<b>Product Name</b>	Calcium Chloride
<b>Chemical Family</b>	Inorganic Salt
<b>Material Uses</b>	N/A
<b>HCS Class</b>	Irritant
<b>NFPA (704) Rating</b>	Health: 1      Flammability: 0      Reactivity: 1      Special: 0

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### SECTION 2: Composition & Information on Ingredients

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<b>CAS Number</b>	10043-52-4
<b>% by Weight</b>	74 - 100
<b>OSHA PEL</b>	Not Established
<b>LC<sub>50</sub>/LD<sub>50</sub></b>	Not Established

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### SECTION 3: Hazards Identification

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<b>Emergency Overview</b>	Causes eye irritation. Avoid breathing dust. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Wash thoroughly after handling. Reacts with water to liberate heat.
<b>Eye Contact</b>	May cause eye irritation or burning.
<b>Skin</b>	May cause irritation.
<b>Inhalation</b>	Dust may cause irritation to mucus membranes and respiratory system.
<b>Ingestion</b>	Ingestion may cause nausea.
<b>Chronic Exposure</b>	Carcinogen Status: <b>OSHA:</b> No <b>NTP:</b> No <b>IARC:</b> No

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### SECTION 4: First Aid Measures

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<b>Eye Contact</b>	Flush eyes thoroughly with large amounts of water. If irritation or adverse symptoms develop, seek medical attention.
<b>Skin Contact</b>	Remove contaminated clothing and shoes. Wash affected area with soap or mild detergent.

<b>Inhalation</b>	Remove from exposure area to fresh air
<b>Ingestion</b>	Get medical attention.

## SECTION 5: Fire & Explosion Data

<b>Flammability</b>	This material is noncombustible.
<b>Explosion Hazards</b>	Negligible fire hazard when exposed to heat or flame.
<b>Fire Fighting Media &amp; Instructions</b>	Move container(s) from fire area if you can without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Extinguish fire using agent suitable for type of surrounding fire and/or chemicals. Do not use water directly on material. Avoid breathing corrosive vapors; keep upwind. Dike area to prevent runoff and contamination of water sources.
<b>Special Information</b>	N/A

## SECTION 6: Accidental Release Measures

<b>Leak/Spill</b>	For dry spills place material in covered, clean, dry container for disposal.
<b>Disposal</b>	Recover, reclaim or recycle when practical. Dispose of in accordance with local, state and federal regulations. Presents no health hazards.

## SECTION 7: Handling and Storage

<b>Handling</b>	Avoid contact with eyes and skin; avoid scattering of dust into air and breathing of dust. Wash skin thoroughly after handling. Launder contaminated clothing before re-use.
<b>Storage</b>	Observe all federal, state, and local regulations when storing this product. Store in a covered, clean and dry container away from incompatible material.

## SECTION 8: Exposure Controls/Personal Protection

<b>Engineering Controls</b>	Provide local exhaust ventilation system. Where there is possibility of exposure, eye wash fountain and safety shower should be provided within the immediate work area for emergency use.
<b>Personal Protection</b>	<p><b>Eyes:</b> Wear safety glasses with splash shields or safety goggles/shield.</p> <p><b>Body:</b> Wear appropriate protective (impervious) clothing. Leather work boots and/or leather products will dehydrate with resultant shrinkage and possible destruction.</p> <p><b>Respiratory:</b> A respirator is not indicated under normal operating conditions. Use of a NIOSH approved respirator should be based upon the presence of nuisance dust. When warranted, use a face mask particulate respirator with a NIOSH N95 rating such as Moldex 2800N95, MSA 816581 or 3M 8576PN5 or equivalent.</p> <p><b>Hands and Feet:</b> Wear appropriate non-leather protective gloves and boots.</p>
<b>Personal Protection in case of Large Spill</b>	None given

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## SECTION 9: Physical & Chemical Properties

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<b>Physical State &amp; Appearance</b>	White solid pellets/flakes; No odor
<b>Specific Gravity</b>	2.15 @ 77°F (25°C)
<b>Water Solubility</b>	40% @ 68°F (20°C) with evolution of heat
<b>Solvent Solubility</b>	Soluble in alcohol, acetic acid and acetone

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## SECTION 10: Stability & Reactivity Data

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<b>Stability</b>	Reacts exothermically with water.
<b>Incompatibilities</b>	Strong oxidizing agents.
<b>Special Remarks on Reactivity</b>	Polymerization does not occur under normal temperatures and pressures.

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## SECTION 11: Toxicological Information

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<b>TD<sub>L0</sub></b>	112g/kg, oral, 20 weeks (Rat)
<b>TD<sub>L0</sub></b>	274 mg/kg, subcutaneous (Dog)
<b>LD<sub>50</sub></b>	1000 mg/kg, oral (Rat)
<b>LD<sub>50</sub></b>	264 mg/kg, intraperitoneal (Rat)
<b>Carcinogen Status</b>	None
<b>Local Effects</b>	Eye, mucus membrane and skin irritant
<b>Health Effects</b>	Moderately toxic by ingestion, slightly toxic by dermal absorption

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## SECTION 12: Transport Information

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<b>DOT Classification</b>	Not restricted
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## SECTION 13: Other Regulatory Information & Classifications

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<b>CERCLA</b>	No
<b>SARA Title III</b>	Section 311: Acute Hazard, Reactivity Hazard
<b>TSCA</b>	Yes
<b>EINECS Status</b>	Yes
<b>OSHA Process Safety</b>	No
<b>California Proposition 65</b>	No ingredients found on the Proposition 65 list
<b>WHMIS Classification</b>	Not determined

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