






MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: EZ Spa Cal		DATE: June 22, 2011				
PRODUCT NUMBER:		DATE PREPARED: June 22, 2011				
TRADE NAME: EZ Spa Cal GENERAL USE: Water hardness increaser. CHEMICAL FAMILY: Inorganic Calcium Salts PRODUCT DESCRIPTION: Solid Odorless White flakes. MANUFACTURED FOR APi						
TELEPHONE NUMBER (General Inquiries) 561-743-0449		SUPERSEDES: December 18, 2007				
ADDRESS (NUMBER, STREET, P.O. BOX) 880 Jupiter Park Drive, Suite 14 (CITY, STATE AND ZIP CODE)		CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBERS				
JUPITER, FL 33458		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; text-align: center;">  </td> <td style="width: 33%; text-align: center;"> 1-800-255-3924 North America (Toll Free) </td> <td style="width: 33%; text-align: center;"> 813-248-0585 International and Local Calls </td> </tr> </table>			1-800-255-3924 North America (Toll Free)	813-248-0585 International and Local Calls
	1-800-255-3924 North America (Toll Free)	813-248-0585 International and Local Calls				


SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
 Caution! Harmful if swallowed. May cause skin and eye irritation. Contact with wet skin may result in irritation. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, vomiting, and diarrhea. This product may cause slight irritation to the respiratory system if inhaled. Forms dangerous fumes when mixed with strong acids.

US DOT HAZARD SYMBOL(S) None	CANADA (WHMIS) 
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HMIS HAZARD RATINGS 0 = INSIGNIFICANT, 1 = SLIGHT, 2 = MODERATE, 3 = HIGH, 4 = EXTREME	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e6f2ff;">HEALTH:</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffe6e6;">FLAMMABILITY:</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="background-color: #ffe6cc;">PHYSICAL HAZARD:</td> <td style="text-align: center;">0</td> </tr> </table>	HEALTH:	0	FLAMMABILITY:	0	PHYSICAL HAZARD:	0
HEALTH:	0						
FLAMMABILITY:	0						
PHYSICAL HAZARD:	0						

REQUIRED PERSONAL PROTECTIVE EQUIPMENT:

HMIS PERSONAL PROTECTIVE EQUIPMENT LETTER: C	Safety glasses, gloves and apron should be worn while handling product.	
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POTENTIAL HEALTH EFFECTS

INHALATION:
 Dust is irritating if inhaled.

SKIN:
 Causes skin irritation, especially with prolonged or repeated exposures.

EYES:
 Causes moderate eye irritation. Prolonged exposures may lead to chemical conjunctivitis.

INGESTION:
 Harmful if swallowed, especially in large quantity. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CARCINOGENICITY:

NTP? NO	IARC MONOGRAPHS? NO	OSHA REGULATED? NO
CALIFORNIA, Prop.65? NO		ESIS NOTATION? NO

SECTION 3 - HAZARDOUS INGREDIENTS

Hazardous Components	% (by Weight)	CAS #
Chloride Salt	NR	Proprietary

NOTES: This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directives. Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European (GHS) directives and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directives.

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SECTION 4 - FIRST AID MEASURES

INHALATION:
Remove victim to fresh air. Seek medical attention if breathing remains difficult.

EYES:
Remove contact lenses if possible. Immediately flush eyes with copious amounts of potable water for 15 min. Seek medical attention if irritation persists.

SKIN:
Wash material off skin with copious amounts of soap and water.

INGESTION:
Do not induce vomiting. If vomiting occurs spontaneously, place victim's head between knees to avoid aspiration of regurgitant. Give water to drink. Get medical aid immediately. Call a poison control center.

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS:
As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

EXTINGUISHING MEDIA:
Use water spray, dry chemical, carbon dioxide, or chemical foam.

FIRE FIGHTING PROCEDURES:
Not flammable or combustible.

UNUSUAL FIRE AND EXPLOSION HAZARDS:
None.

HAZARDOUS COMBUSTION PRODUCTS:
None.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Spills/Leaks: Use proper personal protective equipment as indicated in Section 8. Vacuum or mop up material and place into a suitable disposal container. Water may be used to rinse area. Avoid generating dusty conditions from dried product. Provide ventilation if needed.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Handling: Wear Protective gear (See Section 8). Do not get in eyes, on skin, or on clothing. Do not ingest or inhale.
Storage: Store in a cool, dry place. Store in a tightly closed container. Product may absorb water; avoid humid conditions.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous Components	CAS #	ACGIH Exposure Limits (mg/m3 unless otherwise noted)	OSHA Exposure Limits (mg/m3 unless otherwise noted)
Chloride Salt	NR	NE	NE

PERSONAL PROTECTION

RESPIRATORY PROTECTION:
Give adequate ventilation to the premises where the product is stored and/or handled. Wear a dust mask if removing dried product generating dusty conditions.

PROTECTIVE GLOVES:
Use any impermeable gloves to protect hands from skin contact with this product.

EYE PROTECTION:
Wear safety glasses with splash protective side shields or chemical safety goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
Not needed for normal use.

WORK / HYGIENIC PRACTICES:
Use good personal hygiene, washing exposed areas of skin before eating drinking, smoking or using restroom facilities. Launder contaminated clothing before re-use. Powder product may become irritating after absorbing water.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE AND ODOR Solid Odorless White flakes.		VAPOR PRESSURE 1.0 mmHg @ 25°C	
pH NA		SPECIFIC GRAVITY (WATER = 1) 1.85	
MELTING POINT 174°C (345°F)		SOLUBILITY IN WATER 42% by wt. (anhydrous) @ 20°C	
FLASH POINT None		VISCOSITY NA	
FLAMMABLE LIMITS LEL: None UEL: None		VAPOR DENSITY (AIR = 1) NA	
AUTOIGNITION TEMPERATURE NA		EVAPORATION RATE (WATER = 1) NA	
VOLATILE ORGANIC COMPOUND (VOC) INFORMATION NA			
SECTION 10 - STABILITY AND REACTIVITY			
STABILITY Stable.		CONDITIONS TO AVOID: Avoid storage under moist conditions.	
INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong acids, as toxic and irritating hydrogen chloride gas may form..			
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Does not decompose.			
HAZARDOUS POLYMERIZATION: Will not occur.		CONDITIONS TO AVOID: None related to polymerization.	
SECTION 11 - TOXICOLOGICAL INFORMATION			
Complete Product			
Oral LD₅₀	Product is likely to be a gastro-intestinal irritant. May cause emesis.		
Dermal LD₅₀	Product is irritating by contact with skin.		
Inhalation LC₅₀	Not known - product dusts are irritating to the respiratory tract.		
Irritation	Moderate irritant to eyes; mild to moderate irritant to skin. Dust is irritating to respiratory tract.		
Product Components			
Hazardous Components	CAS #	LD50 of Ingredient (Oral, Rat - unless otherwise specified)	LC50 of Ingredient (Inhalation, Rat - unless otherwise specified)
Chloride Salt	NR	1000 mg/kg	NE
SECTION 12 - ECOLOGICAL INFORMATION			
Product is not acutely toxic to the aquatic environment, although large quantities should not be dumped into bodies of water.			
SECTION 13 - DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD: Dispose of in a manner consistent with federal, state, and local regulations.			
SECTION 14 - TRANSPORT INFORMATION			
PROPER SHIPPING NAME: None			
DOT HAZARD CLASS / Pack Group: None		IATA HAZARD CLASS / Pack Group: None	
REFERENCE: 49CFR, IMDG, IATA		IMDG HAZARD CLASS: None	
UN / NA IDENTIFICATION NUMBER: None		UN TDG Class / Pack Group: None	
LABEL: None			
HAZARD SYMBOLS: None			
Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.			

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SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act):		Listed	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):			
Acute Health:	NO	Chronic Health:	NO
Fire:	NO	Sudden Release of Pressure:	NO
Reactive:	NO		

SARA 313 REPORTABLE INGREDIENTS: **None**

CERCLA (USA - Comprehensive Response Compensation and Liability Act): **None**

California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: **None**

State right to know lists: **None**

CPR (Canadian Controlled Products Regulations): **This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. Canadian WHMIS Classifications: D2B. Other toxic materials.**



IDL (Canadian Ingredient Disclosure List): **Listed as required.**

DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List): **Listed on DSL or NDSL.**

SECTION 16 - OTHER INFORMATION

Legend:

ACGIH	American Congress of Government Industrial Hygienists		
CAS	Chemical Abstracts Service		
HMIS	Hazardous Materials Identification System		
IARC	International Agency for Research on Cancer		
NA	Not Available	ND	Not Determined
NE	Not Established	NR	Not Reported
NIOSH	National Institute for Occupational Safety and Health		
NTP	National Toxicology Program		
OSHA	Occupational Safety and Health Administration		

REVISION SUMMARY:
Revised to US and Canada (WHMIS) standards 6/22/2011 supersedes 12/18/2007 issue. --JTV--

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.