

TABEX[®]**Material Safety Data Sheet****Section I - Identification****BLAST****MANUFACTURER / SUPPLIER:**

CL MARKETING INC.

2770 – 24 Avenue N.E.,

Calgary, Alberta, T1Y 6V7

Phone: (403) 250-2494

Toll Free Order Line: 1-800-661-8179

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Chemical Name: Calcium hypochlorite**Product Use:** Destroy bacteria and algae in swimming pool waters.

<u>Hazard Rating</u>	<u>Designation</u>	
4 Extreme	Health	3
3 High	Fire	0
2 Moderate	Reactivity	1
1 Slight	Personal Protection	D
0 None		

Section II - Hazardous Ingredients

<u>Material</u>	<u>% By Weight</u>	<u>CAS Nr</u>	<u>Exposure Limits</u>	<u>LD₅₀ (Oral-Rat)</u>
Calcium hypochlorite	60 -70	7778-54-3	N/A	7340 g/Kg

Section III - Physical Data

Appearance	White granules.
Boiling Point	Decompose at 180 ⁰ C
Freezing Point	N/A
Odor	Chlorine
pH (1%)	11
Specific Gravity (Water = 1)	2.35
Vapor Density (Air = 1)	N/A
Vapor Pressure (mm Hg)	N/A
Evaporation Rate	N/A
Water Solubility	Slightly Soluble
% Volatile	N/A
Coefficient water/oil distribution	N/A
Odor Threshold	N/A

Section IV - Fire And Explosion Data

Flash Point (°C , Test Method):	None
Auto-Ignition Temperature:	None
Flammable Limits In Air: (g/l):	LFL : None UFL : None
Extinguishing Media:	Dry Chemical (Sodium Bicarbonate), Foam, CO ₂
Special Fire Fighting Procedure:	Fight fires from a safe distance.
Personal Protective Equipment:	Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.
Conditions of flammability:	The product may be combustible at high temperature.
Hazardous combustion products:	Chlorine
Explosion Data:	N/A
Sensitivity Impact:	N/A
Sensitivity to static discharge:	N/A
Mechanical Impact:	N/A

Section V - Health Hazard Information Of Product

Routes of Exposure and Acute Effects.

Inhalation:	Causes irritations.
Skin Contact:	Causes irritations.
Skin Absorption:	Causes irritations.
Eye Contact:	Causes stinging or burning.
Ingestion:	Poison. See a physician immediately.

Chronic Exposure.

Irritancy of product:	Irritating
Sensitizing Capacity:	N/A
Mutagenic effect:	N/A
Teratogenic effect:	N/A
Carcinogenic effect:	N/A
Reproductive toxicity:	N/A
Synergistic products:	N/A

Emergency and First Aid Procedure.

Eyes:	In case of contact, immediately flush eyes of plenty of water for at least 15 minutes. Call a physician immediately.
Skin:	In case of contact, remove contaminated clothing and flush skin thoroughly with soap and water. Wash clothing before reusing.
Inhalation:	If inhaled, remove victim to an area of fresh air. If irritation persist, call a physician.
Ingestion:	If swallowed, call a physician immediately.

Section VI - Reactivity Data

Conditions Contributing to Instability:	This product is stable under normal conditions.
Incompatibility:	Especially avoid contact with moisture, heat, reducing agents, strong acids.
Decomposition Products:	Carbon Oxides (CO ₂ , CO), chlorine derivatives.
Reactivity:	In contact with reducing agents, strong acids, oil, paper and excessive heat.

Section VII - Spill Or Leak Procedures**Steps To Be Taken If Material Is Released Or Spilled**

Cleanup personnel must wear proper protective equipment. That is rubber gloves, face shield, safety goggles, safety shoes and protective clothing. Clean up residual material by washing area with large amounts of water. Never return spilled material into the original drum or vessel. Do not throw into trash box or container. Neutralize with reducing agents such as sodium thiosulphate.

Waste Disposal Method.

Dispose according to Local, Provincial and Federal by-laws.

Section VIII - Special Protection Information.**Ventilation requirements**

Local ventilation **absolutely necessary.**

Specific Personal Protective Information.

Skin Protection:	Chemical resistant rubber gloves
Eye Protection:	Chemical splash goggles and/or face shield.
Respiratory protection:	Use an approved self-contained breathing apparatus (MSHA/NIOSH or equivalent) when dust is present. A self-contained breathing apparatus should be used for major spills.
Other:	Eye wash station and safety shower in area. Do not wear contact lens when working with this compound.

Section IX - Special Precaution.**Precaution To Be Taken In Handling.**

Avoid inhalation of vapors.
Avoid eye or skin contact. Do not take internally. Wash clothing before reuse.
Practice good personal hygiene.

Proper Storage, Handling and Disposal Requirements..

Store in tightly closed containers in a cool, dry, well ventilated area.
Keep away from incompatible materials.
NO SMOKING in areas of storage, handling or use.

Section X - Transport And Regulatory Information.

TDG DESIGNATION:	Calcium hypochlorite, hydrated.
UN NUMBER:	2880
TDG CLASSIFICATION:	5.1
WHMIS CLASSIFICATION:	Scheduled under the Pest Control Product Act.
PACKING GROUP	II

Material Safety Data Sheet:

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