

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

CL MARKETING INC.

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Chemical Name: Halogenated Hydantoin.**Product Use:** Pool and spa water sanitizer.

<u>Hazard Rating</u>	<u>Designation</u>	
4 Extreme	Health	2
3 High	Fire	0
2 Moderate	Reactivity	1
1 Slight	Personal Protection	C
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>
1 Bromo – 3 Chloro – 5, 5 Dimethyl Hydantoin	95%	16079-88-2	N/A	1.4 g/Kg

Section III - Physical Data

Appearance	Solid, white tablets.
Boiling Point	N/A
Freezing Point	N/A
Odor	Faint halogen odor
pH (1%)	4.8
Specific Gravity (Water = 1)	1.15
Vapor Density (Air = 1)	1.13 – 1.16
Vapor Pressure (mm Hg)	N/A
Evaporation Rate	N/A
Water Solubility	Moderately 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:	Water
Special Fire Fighting Procedure:	Fight fires from a safe distance. Use water spray to cool containers exposed to fire.
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:	Bromine, 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:	May cause irritations.
Skin Contact:	May cause irritations.
Skin Absorption:	N/A
Eye Contact:	May cause 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 to area of fresh air. If irritation persists, 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 strong oxidizers.
Decomposition Products:	Chlorine and bromine gas, hydrogen chloride and hydrogen bromide.
Reactivity:	In contact with strong oxidizers, strong acids and alkalis.

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. Keep out of sewers and water supplies. Reclaim material into closed containers for possible normal use or disposal. Clean up residual material by washing area with water

Waste Disposal Method.

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

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

Local ventilation recommended when possible.

Specific Personal Protective Information.

Skin Protection: Chemical resistant gloves and other body protection (rubber apron, boots).
Eye Protection: Chemical splash goggles.
Respiratory protection: Use an approved respirator with dust/mist cartridges.
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 dust.
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 (oxidizing agents, alkalis and strong acids).
NO SMOKING in areas of storage, handling or use.

Section X - Transport And Regulatory Information.

TDG DESIGNATION:	Oxidizing Solid, N.O.S. (bromo-chloro-dimethylhydantoin)
UN NUMBER:	1479
TDG CLASSIFICATION:	5.1
WHMIS CLASSIFICATION:	D2B
PACKING GROUP	III

Material Safety Data Sheet:

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