

TABEX[®]**Material Safety Data Sheet****Section I - Identification****KLEAR FLOC****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

EMERGENCY PHONE (CANUTEC): 613 - 996 - 6666

Chemical Name: Aluminum salt.**Product Use:** Swimming pool water flocculant.

<u>Hazard Rating</u>	<u>Designation</u>	
4 Extreme	Health	2
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>
Polyaluminum Hydroxy Chlorosulphate	45%-55%	1327-41-9	Not available	2 mg/m ³

Section III - Physical Data

Appearance	Blue – green liquid
Boiling Point	100 ⁰ C
Freezing Point	0 ⁰ C
Odor	Odorless
pH (10%)	2.0 – 3.0
Specific Gravity (Water = 1)	1.198 – 1.200
Vapor Density (Air = 1)	N/A
Vapor Pressure (mm Hg)	N/A
Evaporation Rate	N/A
Water Solubility	Completely 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.
Personal Protective Equipment:	Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.
Conditions of flammability:	N/A
Hazardous combustion products:	N/A
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:	N/A
Eye Contact:	Causes 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 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 alkalis, metals and strong oxidizers.
Decomposition Products:	Carbon Oxides (CO ₂ , CO).
Reactivity:	In contact with strong alkalis and oxidizers.

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.

Small leaks: Absorb with an inert absorbent. Sweep up and place in an appropriate closed container.

Large leaks: Evacuate area. Reclaim material into closed containers for possible normal use or disposal.

Clean up residual material by washing area with water. Slippery if spilled.

Waste Disposal Method.

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

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

Local ventilation.

Specific Personal Protective Information.

Skin Protection: Chemical resistant rubber gloves
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 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 (strong oxidizers, strong alkalis and metals).
Warehouse must be equipped with acid resistant floors.
NO SMOKING in areas of storage, handling or use.

Section X - Transport And Regulatory Information.

TDG DESIGNATION:	Corrosive liquid, acidic, inorganic, N.O.S. (Polyaluminum Hydroxy Chlorosulphate)
UN NUMBER:	3264
TDG CLASSIFICATION:	8
WHMIS CLASSIFICATION:	E
PACKING GROUP	III

Material Safety Data Sheet:

Prepared By: R. Ioanin
Verified By: G. Radu

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