

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

CL MARKETING INC.

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Chemical Name: Phosphonic acid**Product Use:** Sequestrating agent

<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>
Phosphonic acid	40-70	2809-21-4	N/A	2400 mg/Kg

Section III - Physical Data

Appearance	Amber-colored liquid.
Boiling Point	> 100 ⁰ C
Freezing Point	N/A
Odor	Pungent
pH (10%)	<1.0
Specific Gravity (Water = 1)	1.158 – 1.168
Vapor Density (Air = 1)	N/A
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):	> 100 ⁰ C
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. DO NOT approach container because of danger of rupturing. 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:	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:	Excessive concentrations of vapor cause irritation of respiratory tracts, burning of the throat and choking.
Skin Contact:	Contact with concentrated solutions causes severe burns
Skin Absorption:	N/A
Eye Contact:	May cause stinging or burning.
Ingestion:	Poison. Concentrated solutions cause severe burning of the mouth, stomach and esophagus.

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 do not induce vomiting. Call a physician immediately.

Section VI - Reactivity Data

Conditions Contributing to Instability:	This product is stable under normal conditions.
Incompatibility:	Avoid especially contact with strong alkaline products.
Decomposition Products:	Carbon Oxides (CO ₂ , CO), Phosphorus.
Reactivity:	In contact with strong alkaline products.

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

Provide maximum ventilation. Do not stand against draught.
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.
Neutralize residue or small spills with a solution containing sodium carbonate. Clean up material by washing area with water. Danger: spills make floors slippery.

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 gloves and other body protection (rubber apron, boots, body covering clothes) to minimize skin contact.
Eye Protection:	Chemical splash goggles and/or face shield.
Respiratory protection:	Should concentrations warrant, use inorganic acid cartridges or MSHA/NIOSH approved respirator.
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 alkaline products).
NO SMOKING in areas of storage, handling or use.

Section X - Transport And Regulatory Information.

TDG DESIGNATION:	Corrosive liquid, acidic, organic, NOS (Phosphonic acid)
UN NUMBER:	3265
TDG CLASSIFICATION:	8
WHMIS CLASSIFICATION:	E
PACKING GROUP	III

Material Safety Data Sheet:

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