

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

CL MARKETING INC.

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Chemical Name: Poly Quaternary Amine in water**Product Use:** Water clarification agent

<u>Hazard Rating</u>	<u>Designation</u>	
4 Extreme	Health	1
3 High	Fire	0
2 Moderate	Reactivity	0
1 Slight	Personal Protection	B
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>
Polyepiamine	27% - 32%	25988-97-0	N/A	6110 mg/kg

Section III - Physical Data

Appearance	Blue liquid
Boiling Point	> 100 ⁰ C
Freezing Point	0 ⁰ C
Odor	Slight amine odor
pH (10%)	6.0 – 7.0
Specific Gravity (Water = 1)	1.044 – 1.056
Vapor Density (Air = 1)	N/A
Vapor Pressure (mm Hg)	N/A
Evaporation Rate	1.7
Water Solubility	Very soluble
% Volatile	50% - 70%
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:	N/A
Flammable Limits In Air: (g/l):	LFL : None UFL : None
Extinguishing Media:	Dry Chemical (Sodium Bicarbonate), Foam, CO ₂ , 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:	The product may be combustible at high temperature.
Hazardous combustion products:	Hydrogen chloride
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.
Eye Contact:	May cause irritations.
Ingestion:	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:	None
Decomposition Products:	Carbon Oxides (CO ₂ , CO), oxides of nitrogen, monoxide and hydrogen chloride.
Reactivity:	In contact with strong 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.
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.

Specific Personal Protective Information.

Skin Protection: Chemical resistant rubber gloves to minimize skin contact.
Eye Protection: Chemical splash goggles.
Respiratory protection: Respiratory protection is not normally needed since volatility and toxicity are low. If significant mists, vapors or aerosols are present, use NIOSH approved respirator (ANSIZ 882.1990) or equivalent.
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.
Avoid storage temperatures bellow 0⁰C : product may stratify.
Keep away from moisture.
NO SMOKING in areas of storage, handling or use.

Section X - Transport And Regulatory Information.

TDG DESIGNATION:	Not regulated product.
UN NUMBER:	Not regulated product.
TDG CLASSIFICATION:	Not regulated product.
WHMIS CLASSIFICATION:	Not regulated product.

Material Safety Data Sheet:

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