

TABEX[®]**Material Safety Data Sheet****Section I - Identification****LECTRA CLEAN (Commercial)****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: Inorganic acids in water**Product Use:** Electrolytic cell cleaner

<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>
Hydrochloric acid	10 - 20	7647-01-0	5 ppm	900 mg/Kg
Phosphoric acid	10 - 20	7664382	3 mg/m ³	1530 mg/Kg

Section III - Physical Data

Appearance	Clear liquid.
Boiling Point	> 100 ⁰ C
Freezing Point	< 0 ⁰ C
Odor	Mild odor
pH (10%)	<1.0
Specific Gravity (Water = 1)	1.074 – 1.084
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):	N/A
Auto-Ignition Temperature:	N/A
Flammable Limits In Air: (g/l):	LFL: N/A UFL: N/A
Extinguishing Media:	Water, dry chemical, chemical foam
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:	The product may be combustible at high temperature.
Hazardous combustion products:	Hydrogen, 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:	Excessive concentrations of vapor cause irritation of respiratory tracts, burning of the throat and choking.
Skin Contact:	Contact with concentrated solutions causes severe burns
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 oxidizers, alkaline products, metals and metal oxides.
Decomposition Products:	Hydrogen, phosphorus oxides, chlorine
Reactivity:	In contact with strong oxidizers, alkaline products, metals, reducing agents.

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 containers cool by spraying with water if exposed to fire. Keep out of sewers and water supplies. Neutralize the residue with a dilute solution of lime or soda ash. 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 **absolutely necessary.**

Specific Personal Protective Information.

Skin Protection: Chemical resistant neoprene 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: Appropriate ANSIZ 87 approved equipment should be selected for the particular use intended for this material.

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 (oxidizing agents, alkaline products, metal, metal oxides).
NO SMOKING in areas of storage, handling or use.

Section X - Transport And Regulatory Information.

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

Material Safety Data Sheet:

Prepared By: R. Ioanin
Verified By: G. Radu
Polylab Plus
Tel: (450) 443-6481
Fax: (450) 443-5339

Date Issued: 16/03/2009

The information herein is given in good faith but no warranty, expressed or implied is made. The persons receiving this information are urged to make their own determination as to the information's suitability and completeness for their particular application.