

## TABEX®

### Material Safety Data Sheet

#### Section I - Identification

#### POOL SECURE

**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:** Mixture of organic and inorganic ingredients in water.

**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 | C |
| 0 None               |                     |   |

#### Section II - Hazardous Ingredients

| <u>Material</u>          | <u>% By Weight</u> | <u>CAS Nr</u> | <u>Exposure Limits</u> | <u>LD<sub>50</sub> (Oral-Rat)</u> |
|--------------------------|--------------------|---------------|------------------------|-----------------------------------|
| Citric Acid              | 10 – 20            | 77-92-9       | N/A                    | 6730 mg/Kg                        |
| Sodium Hydroxide         | 5 – 10             | 1310-73-2     | 2 mg/m <sup>3</sup>    | 500 mg/Kg                         |
| Sodium Hexametaphosphate | 10 - 20            | 10124-56-8    | N/A                    | 6.6 g/Kg                          |

**Section III - Physical Data**

|                                    |                    |
|------------------------------------|--------------------|
| Appearance                         | Colorless liquid   |
| Boiling Point                      | 100 <sup>0</sup> C |
| Freezing Point                     | 0 <sup>0</sup> C   |
| Odor                               | Mild odor          |
| pH (10%)                           | 5 – 5.5            |
| Specific Gravity ( Water = 1)      | 1.27 – 1.32        |
| Vapor Density ( Air = 1)           | N/A                |
| Vapor Pressure (mm Hg)             | N/A                |
| Evaporation Rate                   | N/A                |
| Water Solubility                   | Moderate soluble   |
| % Volatile                         | 60% - 80%          |
| 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<br>UFL: None  |
| Extinguishing Media:              | Dry Chemical, Foam, CO <sub>2</sub> , 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.**

|                      |                              |
|----------------------|------------------------------|
| <b>Inhalation:</b>   | May cause irritations.       |
| <b>Skin Contact:</b> | Causes irritations.          |
| <b>Eye Contact:</b>  | May cause burning.           |
| <b>Ingestion:</b>    | See a physician immediately. |

**Chronic Exposure.**

|                               |            |
|-------------------------------|------------|
| <b>Irritancy of product:</b>  | Irritating |
| <b>Sensitizing Capacity:</b>  | N/A        |
| <b>Mutagenic effect:</b>      | N/A        |
| <b>Teratogenic effect:</b>    | N/A        |
| <b>Carcinogenic effect:</b>   | N/A        |
| <b>Reproductive toxicity:</b> | N/A        |
| <b>Synergistic products:</b>  | N/A        |

**Emergency and First Aid Procedure.**

|                    |   |
|--------------------|---|
| <b>Eyes:</b>       | In case of contact, immediately flush eyes of plenty of water for at least 15 minutes. Call a physician immediately.          |
| <b>Skin:</b>       | In case of contact, remove contaminated clothing and flush skin thoroughly with soap and water. Wash clothing before reusing. |
| <b>Inhalation:</b> | If inhaled, remove to area of fresh air. If irritation persists, call a physician.  |
| <b>Ingestion:</b>  | If swallowed. Call a physician immediately.   |

**Section VI - Reactivity Data**

|  |  |
|--|--|
| <b>Conditions Contributing to Instability:</b> | This product is stable under normal conditions.            |
| <b>Incompatibility:</b>                        | Especially avoid contact with strong oxidizers and metals. |
| <b>Decomposition Products:</b>                 | Toxic fumes of sodium oxide and phosphorus oxides.         |
| <b>Reactivity:</b>                             | In contact with strong oxidizers and metals.               |

**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

**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 rubber gloves and rubber apron to minimize skin contact.

**Eye Protection:** Chemical splash goggles.

**Respiratory protection:** Respiratory protection is not normally needed since volatility is low. If significant vapors, mists or aerosols are present, use NIOSH approved respirator 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.  
Keep away from incompatible materials (oxidizing agents and metals).  
**NO SMOKING** in areas of storage, handling or use.

**Section X - Transport And Regulatory Information.**

|                              |   |
|------------------------------|---|
| <b>TDG DESIGNATION:</b>      | <b>Corrosive liquid, basic, inorganic, N.O.S.</b><br>(Sodium Hydroxide) |
| <b>UN NUMBER:</b>            | <b>3266</b>   |
| <b>TDG CLASSIFICATION:</b>   | <b>8</b>  |
| <b>WHMIS CLASSIFICATION:</b> | <b>D2B</b>  |
| <b>PACKING GROUP</b>         | <b>III</b>  |

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