

TABEX[®]**Material Safety Data Sheet****Section I - Identification****TILE AND VINYL CLEANER****MANUFACTURER / SUPPLIER:**

CL MARKETING INC.

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Phone: (403) 250-2494

Toll Free Order Line: 1-800-661-8179

EMERGENCY PHONE (CANUTEC): 613 - 996 - 6666

Chemical Name: Mixture of inorganic acid with surfactant in water.**Product Use:** Cleaner for pool and spa surfaces

| <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> |
|------------------------|---------------------------|----------------------|-------------------------------|--|
| Phosphoric Acid | 10% - 15% | 7664-38-2 | 1 mg/m ³ | 1530 mg/Kg |
| Nonyl Phenol Etoxylate | 1% - 2% | 9016-45-9 | N/A | 3000 mg/Kg |

Section III - Physical Data

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|------------------------------------|-----------------------------|
| Appearance | Clear amber-colored liquid. |
| Boiling Point | 135 ⁰ C |
| Freezing Point | < 0 ⁰ C |
| Odor | Acidic odor |
| pH (10%) | <1.0 – 1.5 |
| Specific Gravity (Water = 1) | 1.040 – 1.052 |
| Vapor Density (Air = 1) | 3.4 |
| Vapor Pressure (mm Hg) | N/A |
| Evaporation Rate | N/A |
| Water Solubility | Completely soluble |
| % Volatile | 90% - 95% |
| Coefficient water/oil distribution | N/A |
| Odor Threshold | N/A |

Section IV - Fire And Explosion Data

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|-----------------------------------|---|
| Flash Point (°C, Test Method): | Non Flammable |
| Auto-Ignition Temperature: | Not applicable |
| Flammable Limits In Air: (g/l): | LFL: Not applicable UFL: Not applicable |
| Extinguishing Media: | Dry Chemical (Sodium Bicarbonate), Foam, CO ₂ , Water |
| Special Fire Fighting Procedure: | Fight fires from a safe distance. 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.**

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|-------------------------|--------------------------------------|
| Inhalation: | Corrosive. Causes irritations. |
| Skin Contact: | Corrosive. Causes irritations. |
| Skin Absorption: | N/A. |
| Eye Contact: | Causes irritations. |
| Ingestion: | Poison. See a physician immediately. |

Chronic Exposure.

| | |
|-------------------------------|---|
| Irritancy of product: | Irritating. May produce chronic eye irritation. May produce respiratory tract irritation. |
| 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.

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|--------------------|---|
| 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, call a physician immediately. |

Section VI - Reactivity Data

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| Conditions Contributing to Instability: | This product is stable under normal conditions. |
| Incompatibility: | Especially avoid contact with strong oxidizers, reducing agents, metals and alkalis. |
| Decomposition Products: | Toxic fumes, Hydrogen |
| Reactivity: | In contact with strong oxidizers, reducing agents, alkalis, metals, fluorine, sulfur trioxide. |

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.

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.

Specific Personal Protective Information.

Skin Protection: Chemical resistant gloves and other body protection (rubber apron, boots) to minimize skin contact.

Eye Protection: Chemical splash goggles

Respiratory protection: Should concentrations warrant, NIOSH approved respirator with inorganic acid-type 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 (oxidizing agents, reducing agents, metals and alkalis).
NO SMOKING in areas of storage, handling or use.

Section X - Transport And Regulatory Information.

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

Material Safety Data Sheet:

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