**IDENTIFICATION**

Manufactured for: MYDENT INTERNATIONAL

Address: 80 Suffolk Court

City, State, Zip: Hauppauge, NY 11788

Telephone: 631-434-7760

Date Prepared: 07/18/12

Chemical Name: Green Etch Liquid

**HAZARDOUS INGREDIENTS**

**ITEM** | **OSHA PEL** | **ACGIH TLV** | **RECOMMENDED OTHER LIMITS%**
---|---|---|---
Hazardous/Toxic & Non-Hazardous Components (CAS #):

Phosphoric Acid

**PHYSICAL DATA/CHEMICAL CHARACTERISTICS**

**Appearance and Odor:** Clear liquid with no apparent odor.

**Boiling Point:** ND

**Volatile (by weight %):** N/A

**Vapor Pressure (mm Hg):** N/A

**Melting Point:** ND

**Vapor Density (Air – 1):** ND

**Evaporation Rate (n-Butyl = 1):** ND

**Solubility in Water (H2O):** Soluble

**Specific Gravity (H2O-1):** 1.3

**pH:** ND

**FIRE AND EXPLOSION HAZARD DATA**

**Flash Point (Method Used):** Not combustible.

**Flammable Limits:** No data.

**Extinguishing Media:** Material is not flammable.

**UEL:** 0

**LEL:** 0

**Special Fire Fighting Procedures:** None

**Unusual Fire & Explosion Hazards or Procedures:** No explosion hazards.

**REACTIVITY DATA**

**Stability:** Stable

**Conditions to Avoid:** Dehydration by keeping container closed.

**Incompatibility (Material to Avoid):** Reactive metals and bases.

**Hazardous Decomposition of Byproducts:** At flame temperatures, material will emit toxic phosphorus oxide fumes.

**Hazardous Polymerization:** ND

**TRANSPORTATION: (DOT info if Applicable)**

UN 1805, Phosphoric acid solution, 8, PGIII.

**HEALTH HAZARD DATA**

**EFFECTS OF OVEREXPOSURE:**

**Routes of Entry:**

Skin: Mild to severe irritant.

Eyes: Mild to severe irritant.

Inhalation: Severe irritant.

**SIGN AND SYMPTOMS OF EXPOSURE**

Skin: May cause skin irritation.

Eye: May cause eye severe eye pain with eye contact and corneal damage.

Inhalation: May cause severe lung damage, coughing, sore throat.

**EMERGENCY AND FIRST AID PROCEDURES**

Skin: Wash with soap and water for 15 minutes.

Eyes: In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes. Lift upper and lower lids. Seek immediate medical attention.

Inhalation: Do not induce vomiting. Wash out mouth with water keep at rest. Seek immediate medical advice. Show container and label.

**PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken in case material is released or spilled:

Wear a NIOSH-approved respirator appropriate for the vapor or mist concentration at the point of use when using large amounts.

**CONTROL MEASURES**

Respiratory Protection (Specify Type): Wear a NIOSH-approved respirator appropriate for the vapor or mist concentration at the point of use when using large amounts.

**VENTILATION:** Recommended.

**Local Exhaust:** Recommended.

**Mechanical (General):** Acceptable.

**Protective Gloves (type):** Chemical gloves, Butyl and Nitrile recommended.

**Eye Protection:** Chemical resistant goggles.

**Other Protective Clothing or Equipment:** Chemical resistant clothing / boots. Long sleeves, pants, full length lab coats recommended.

**Work Hygiene Practices:** Clean spills immediately avoid contact with eyes, etc.

**CARCINOGENICITY**

NTP: Not available.

IARC Monographs: Not available.

OSHA Regulated: Not available.

**SPECIAL INFORMATION**

24 hr EMERGENCY TELEPHONE NUMBER: CHEMTREC (800) 424-9300

Note: MYDENT INTERNATIONAL has compiled this data based on the research and input of qualified experts in the field of microbiology, chemistry and quality assurance. The data are not to be taken as a warranty or representation for which MYDENT INTERNATIONAL assumes legal responsibility. They are offered only for your consideration and verification.