Material Safety Data Sheet
May be used to comply with
Administration
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health

(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

| IDENTITY *(As Used on Label and List)* | NOTE: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that. |
|---|---|
| **Gentle Etch Etching Gel** | |

## Section I

| | |
|---|---|
| **Manufacturer's Name**<br>Temrex Corporation | **Emergency Telephone Number**<br>(800) 645-1226 |
| **Address** *(Number, Street, City, State, and ZIP Code)*<br>112 Albany Avenue | **Telephone Number for Information**<br>(516) 868-6221 |
| P.O. Box 182 | **Date Prepared**<br>January 24, 2011 |
| Freeport, NY 11520 | **Signature of Preparer** *(optional)* |

**Section II – Hazardous Ingredients/Identity Information**

| Hazardous Components (Specific Chemical Identity: Common Name(s)) | OSHA PEL | Other Limits ACGIH TLV | Recommended | %(optional) |
|---|---|---|---|---|
| **Phosphoric Acid** | **N/A** | **N/A** | **N/A** | **N/A** |

**Section III – Physical/Chemical Characteristics**

| | | |
|---|---|---|
| **Boiling Point**<br>**Above 80°C** | | **Specific Gravity** *(H2O = 1)*<br>**ca 1.25** |
| **Vapor Pressure** *(mm Hg.)* | | **Melting Point** |
| **Vapor Density** *(AIR = 1)*<br>**N/A** | | **Evaporation Rate** *(Butyl Acetate = 1)* |
| **Solubility in Water**<br>**Soluble.** | | |
| **Appearance and Odor**<br>**Blue gel; no odor.** | | |

**Section IV – Fire and Explosion Hazard Data**

| | | | |
|---|---|---|---|
| **Flash Point** *(Method Used)*<br>**N/A** | **Flammable Limits**<br>**N/A** | **LEL**<br>**N/A** | **UEL**<br>**N/A** |
| **Extinguishing Media**<br>**N/A** | | | |
| **Special Fire Fighting Procedures**<br>**Non-Flammable.** | | | |
| | | | |
| **Unusual Fire and Explosion Hazards**<br>**None** | | | |
| | | | |



*(Reproduce Locally)*
*1985*

*OSHA 174, Sept.*

**Section V – Reactivity Data**

| | | | |
|---|---|---|---|
| **Stability** | **Unstable** | | **Conditions to Avoid** |
| | **Stable** | **X** | |
| **Incompatibility** *(Materials to Avoid)* **Alkaline materials; metals.** | | | |
| **Hazardous Decomposition or Byproducts** **None** | | | |
| **Hazardous Polymerization** | **May Occur** | | **Conditions to Avoid** |
| | **Will Not Occur** | **X** | |

**Section VI – Health Hazard Data**

**Route(s) of Entry:** **Inhalation?** **Skin?** **Ingestion?**

**Ingestion: Take solution of sodium bicarbonate. If not available, take milk. Do not induce vomiting. On contact with skin or eyes, flush immediately with copious amounts of water. Contact physician if skin is damaged or pain persists in eyes.**

**Health Hazards** *(Acute and Chronic)*

**Damage to tissue on contact. May cause burns.**

| **Carcinogenicity:** | **NTP?** | **IARC Monographs?** | **OSHA Regulated?** |
|---|---|---|---|
| | **N/A** | **N/A** | **N/A** |

**Signs and Symptoms of Exposure**

**Skin irritation.**

**Medical Conditions Generally Aggravated by Exposure**

**None known.**

**Emergency and First Aid Procedures**

**Section VII – Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled**

**N/A**

**Waste Disposal Method**

**Precautions to Be Taken in Handling and Storing**

**Routine precautions applicable to acids.**

**Other Precautions**

**Wash with copious amounts of water.**

**Section VIII – Control Measures**

| | | |
|---|---|---|
| **Respiratory Protection** *(Specify Type)* **None required.** | | |
| **Venthilation** | **Local Exhaust** | **Special** |
| | **Mechanical** *(General)* | **Other** |
| **Protective Gloves** **Not required if used according to directions.** | | **Eye Protection** **Not required if used accordingly.** |
| **Other Protective Clothing or Equipment** **None required.** | | |
| **Work/Hygienic Practices** **In case of contact with skin or mucosa, wash immediately.** | | |



* U.S.G.P.O.: 1966 – 491 –

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