

MATERIAL SAFETY DATA SHEET

1. Product Information

Product Name: Prep N Etch
CAS Number: N/A see below

Chemical Name: Acidic Solution
Product Code: 790

2. Hazardous Ingredients

Material	CAS Number	Contents %w/w	TLV Level	PEL Level
Acidic Solution	Proprietary	n/a	n/d	n/d

3. Physical Data

Appearance: Clear yellow liquid with acid odor **Vapor Pressure:** N/A **Specific Gravity:** 1.1083 **Freezing Point:** N/D **Boiling Point:** N/D
Volatiles by Volume: N/D **Solubility in Water:** Soluble **Evaporation rate:** as water **pH:** <1

4. Fire and Explosion Data

Flash Point: N/D **Extinguishing Media:** Water spray, dry chemical or carbon dioxide **Unusual Fire and Explosion Hazards:** Extreme heat may cause pressure to build up inside drum. Any proposed use of this product at extreme temperatures is not recommended. **Special Fire Fighting Procedures:** Evacuate area of all unprotected personnel. Wear proper safety equipment/

5. Health Hazard Data

Threshold Limit Value: not established by OSHA

Effects of exposure: **Inhalation:** May cause irritation to nose, throat and respiratory tract **Ingestion:** This product may be harmful or fatal if ingested **Skin contact:** Prolonged or repeated contact can cause irritation **Eye contact:** May cause burns to the eyes

Emergency First Aid Procedures: **Eyes:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

Skin: Flush immediately with plenty of water for at least 15 minutes. Get medical attention if irritation develops.

Inhalation: Remove affected person to fresh air. Call a physician.

Ingestion: Do not induce vomiting. Drink 3-4 glasses of water to dilute. Call a physician.

6. Reactivity Data

Product Stability: Stable.

Incompatibility: Strong alkalis, strong oxidizers, acids, strong reducers

Hazardous decomposition products.: Burning can product carbon monoxide and/or carbon dioxide

Hazardous Polymerization: Will not occur

Conditions to Avoid: N/A

7. Spill or Leak Procedures

Procedure When Material Spilled or Released: Keep people away. Ventilate area. Sweep up.

Waste disposal method: Dispose of in approved landfill or approved incinerator that can accept copper in accordance with local state and federal regulations.

8. Special Protection Information

Skin Protection: Use chemical resistant gloves. Includes: Neoprene and rubber. **Respiratory Protection:** If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910, 134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use. **Eye Protection:** Safety goggles or glasses with a face shield. **Other Protective Equipment:** N/A

9. Special Precautions

Handling and Storage: Store in a cool, dry area. Keep out of direct sunlight. Do not store near flames or other heat sources. Keep containers tightly closed. Make sure all containers are labeled properly. Read and understand the MSDS before using any chemical product. For industrial and commercial use only.

Other precautions: . Avoid prolonged contact with skin and eyes. Avoid breathing vapors. Do not swallow. Wash hands thoroughly after handling.

10. Transportation Information

"Not-Regulated" by DOT, IATA or IMO.

11. Supplemental Health Information

Carcinogen Content: This product does not contain greater than 0.1% of the known or potential carcinogens in NTP, IARC, or OSHA. Proposition 65: If your business resides in the state of California, we are providing this information pursuant to the California Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). It is not feasible to subject all products to the detailed analyses required to determine whether the materials known to cause cancer or reproductive toxicity are present in detectable quantities. However, based on available data, none of the chemicals listed by the governor of California are present in this product.

The information contained in this data sheet was obtained from sources we believe are reliable but cannot guarantee. Your use of this information is beyond our control. Therefore, the information is provided without any representation or warranty.

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Mfg: NAB of WI

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