## REACTIVITY DATA – SECTION V

Stainless Steel Etch #12 (Cont.)

**Stability:** Stable **CONDITIONS TO AVOID:** Strong alkalis.

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong Alkalis

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Hydrogen fluoride gas, oxides of nitrogen.

**HAZARDOUS POLYMERZATION:** Will not occur. **CONDITIONS TO AVOID**: Strong alkalis.

## HEALTH HAZRD DATA – SECTION VI

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

**Health Hazards (Acute and Chronic):** May cause severe skin burns with ulceration. Removes calcium from tissues.

**CARCINOGENICITY:** **NO** **NTP?** **NA** **IARC Monographs?** **NA** **OSHA?** **NA**

**MEDICAL CONDITIONS**
**GENERALLY AGGRAVATED by EXPOSURE:** Various types of dermatitis.

## EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Flush with clear water for 15 minutes with large amounts of flowing water. If sterile 1% calcium gluconate solution is available, washing may be limited to 5 minutes, after which the 1% calcium gluconate solution should be used repeatedly to irrigate.

**SKIN CONTACT:** Remove any contaminated clothing and flush with plenty of cool water; speed in washing off acid is of primary importance. If 0.13% bensalkonium chloride solution or 2.5% calcium gluconate gel is available, the water rinse may be limited to 5 minutes, with the soaks or gel applied as soon as the rinsing is stopped.

**INHALATION:** If overcome from inhalation, remove patient from exposure and seek medical attention.

**INGESTION:** Have the victim drink large amounts of water as quickly as possible to dilute the acid. Do not induce vomiting. Do not give emetics or baking soda.

## PRECAUTIONS FOR SAFE HANDLING AND USE – SECTION VII

**Steps to be taken in case material is released or spilled:** Contain the spill. Collect the material into a plastic container. The affected area can be neutralized with a solution of Sodium Hydroxide.

**Waste Disposal Method:** All federal, state and local regulations must be followed. This product may be neutralized with a solution of Sodium Hydroxide.

**Precautions to be taken in handling and storing:** Rubber gloves, goggles and other protective gear should be used in handling. Store in heavy-duty plastic containers.

## CONTROL MEASURES – SECTION VIII

**Respiratory or breathing apparatus::** Should be used in closed areas lacking sufficient ventilation.

**Ventilation:** **Yes** **Local Exhaust:** **Yes** **Mechanical:** **Special:** **Other:**

**Protective Gloves:** **Yes** **Eye Protection:** **Yes**

**Other Protective Clothing or Equipment:** **Plastic aprons.**

## TRANSPORTATION INFORMATION

**PROPER SHIPPING NAME:** Ammonium Biflouride Solution **HAZARDOUS CLASS: 8,6.1 ID NUMBER:** UN2817 **PG:** II