

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

DATE ISSUED: 11/2004

PRODUCT NAME: TILE TUFF
MULTI PURPOSE ACID CLEANER

SUPPLIER'S NAME:
Superior Sanitary Supply

DOT CLASSIFICATION: Corrosive

PRODUCT #: 9216

SUPPLIER'S ADDRESS:

DOT SHIPPING NAME: Compound, Cleaning
Liquid (contains Phosphoric Acid) 8, NA 1760, PG II

PRODUCT TYPE: Acid Cleaner

176 Front Street
Hempstead, NY 11550

HAZARD RATING:

CHEMICAL FAMILY: Acid Solution

EMERGENCY PHONE: 800-535-5053

HEALTH: 3 **FLAMMABILITY:** 0
REACTIVITY: 1 **PERSONAL PROTECTION:** E

SECTION 2 - INGREDIENTS INFORMATION

| CHEMICAL NAME | CAS NO. | % / WT. | THRESHOLD LIMIT VALUE |
|-----------------------------|-----------|---------|-----------------------|
| *PHOSPHORIC ACID | 7664-38-2 | TO 35 | 1mg/m3 |
| AMMONIUM BIFLUORIDE | 1341-49-7 | TO 9 | 3ppmTWA |
| *2-BUTOXY ETHANOL | 111-76-2 | TO 5 | 25ppmTWA |
| NONIONIC SURFACTANT (BLEND) | MIXTURE | TO 5 | N/E |
| WATER | 7732-18-5 | TO 50 | NONE |

*An asterisk indicates the toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

SECTION 3 - PHYSICAL DATA

SECTION 4 - REACTIVITY DATA

BOILING RANGE (F): 212-220 °F **SPECIFIC GRAVITY:** 1.03
VAPOR PRESSURE: N/D **VAPOR DENSITY:** Same as Water
% VOLATILE: 60-65 **pH:** 2
SOLUBILITY IN WATER: Complete **EVAPORATION RATE:** N/A
PHYSICAL DESCRIPTION: Blue Liquid, Almond Fragrance

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will Not Occur
INCOMPATIBILITY (MATERIALS TO AVOID): None
HAZARDOUS DECOMPOSITION PRODUCTS: Normal products
of combustion

SECTION 5 - FIRE & EXPLOSION HAZARD DATA

SECTION 6 - STORAGE & HANDLING INFORMATION

FLASH POINT: Exceeds 200 °F
FLAMMABILITY: Non-Flammable
EXTINGUISHING MEDIA: Water, CO₂
SPECIAL FIRE FIGHTING PROCEDURES: Floor may be slippery
UNUSUAL AND EXPLOSION HAZARDS: None

SPECIAL PRECAUTIONS: Keep out of reach of children.
Use only in well ventilated area.
For institutional and industrial use only.
For use by trained personnel only.
Store and keep in closed container, in a cool place.
Avoid freezing.

SECTION 7 - HEALTH HAZARD DATA

SECTION 8 - FIRST AID PROCEDURE

EYES: May cause irritation. **EXPOSURE LIMITS:** N/E
SKIN: May cause irritation. **CARCINOGENICITY:**
NTP: Not listed
INHALATION: May cause irritation to upper tract. **IARC:** Not listed
INGESTION: May cause irritation of mucous membranes. **OSHA:** Not regulated
MEDICAL CONDITION AGGRAVATED BY EXPOSURE:
Person with present skin disorder may be more susceptible to irritation.

EYES: Flush with running water for 15 minutes.
SKIN: Wash off with soap and water.
INHALATION: Remove to fresh air.
INGESTION: Do not induce vomiting.
Drink plenty of water.
If unconscious or in convulsion, take to hospital or physician.

SECTION 9 - PRECAUTIONS FOR SAFE HANDLING

SECTION 10 - SPILL OR LEAK

RESPIRATORY PROTECTION: No special requirements.
PROTECTIVE GLOVES: Chemical resistant.
VENTILATION: Good ventilation required.
EYE CONTACT: Goggles or Face Shield.

SPILLAGE: Dike & contain spill, absorb the liquid.
DISPOSAL: Scoop or shovel solid material into a suitable container for
recovery or disposal. Area may become slippery.
Flush cleaned area with water.
Dispose according to local, state and federal requirements.

N/D = Not Determined, N/E = Not Established, N/A = Not Applicable

THIS PRODUCT SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION.
DATA SUPPLIED IS FOR USE ONLY IN CONNECTION WITH OCCUPATION SAFETY AND HEALTH.