



**CHEMAX**  
CORPORATION

**MATERIAL SAFETY DATA SHEET**

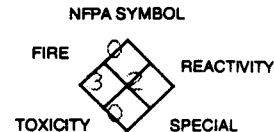
**EMERGENCY PHONE 1-800-346-0132**

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MAY BE USED TO COMPLY WITH OSHA'S HAZARD COMMUNICATION STANDARD (HSC) 29 CFR 1910, 1200, STANDARD MUST BE CONSULTED FOR SPECIFIC REQUIREMENTS.

| HMIS SYMBOL  |   |
|--------------|---|
| HEALTH       | 3 |
| FLAMMABILITY | 0 |
| REACTIVITY   | 2 |

|             |   |               |
|-------------|---|---------------|
| HMIS SEVERE | 4 | NFPA EXTREME  |
| SERIOUS     | 3 | HIGH          |
| MODERATE    | 2 | MODERATE      |
| SLIGHT      | 1 | SLIGHT        |
| MINIMAL     | 0 | INSIGNIFICANT |



**PRODUCT IDENTIFICATION:** B315 BRITE TRAIL  
DATE: 01/02/03

**SECTION I: HAZARDOUS INGREDIENTS**

| CAS NUMBER | CHEMICAL NAME     | %   | TLV (PPM) |
|------------|-------------------|-----|-----------|
| 7664-39-3  | HYDROGEN FLUORIDE | <12 | 3         |
| 7664-93-9  | SULFURIC ACID     | <10 | 1 mg/M3   |
| 25154-52-3 | SURFACTANT        | <2  | 1000      |
| 7732-18-5  | WATER             | <85 | N/E       |

NOTE - THIS PRODUCT CONTAINS THESE SARA TITLE III, SECTION 313 CHEMICALS:  
HYDROGEN FLUORIDE, SULFURIC ACID

**SECTION II: PHYSICAL DATA**

BOILING POINT: 212 F  
VAPOR PRESSURE: >18 mm Hg  
VAPOR DENSITY: (AIR=1): 1  
SOLUBILITY IN WATER: 100%  
SPECIFIC GRAVITY: (H2O=1): 1.10  
PERCENT VOLATILE BY VOLUME: N/D  
EVAPORATION RATE: (BUTYL ACETATE=1): 0.01  
P H: N/D  
APPEARANCE AND ODOR: CLEAR LIQUID & STRONG, PUNGENT ODOR

**SECTION III: FIRE AND EXPLOSION DATA**

FLASH POINT: NONE  
FLAMMABLE LIMITS: N/A  
EXTINGUISHING MEDIA: NONE  
SPECIAL FIREFIGHTING PROCEDURES: NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

SECTION IV: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/D

EFFECTS OF OVEREXPOSURE: CAUSES SEVERE BURNS TO EYES & SKIN, INHALATION WILL IRRITATE THE MUCCOUS MEMBRANES, AND COULD BE FATAL IF SWALLOWED.

EMERGENCY FIRST AID PROCEDURES:

- SKIN: WASH WITH WATER FOR 15 MINUTES. CONTACT PHYSICIAN.
- EYES: FLUSH WITH WATER. CONTACT PHYSICIAN.
- INGESTION: DRINK LARGE QTY'S OF WATER. DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION IMMEDIATELY.
- INHALATION: REMOVE TO FRESH AIR. SEEK IMMEDIATE MEDICAL ATTENTION.

SECTION V: REACTIVITY DATA

- STABILITY DATA: STABLE
- INCOMPATIBILITY: METALS, GLASS, CERAMICS
- HAZARDOUS DECOMPOSITIONN PRODUCTS: NONE KNOWN
- HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI: SPILL OR LEAK PROCEDURES

- SMALL SPILLS: FLUSH W/WATER, NEUTRALIZE W/SODA ASH, AND FLUSH TO CHEMICAL SEWER. DON'T GET WATER IN CONTAINERS OF SULFURIC ACID - VIOLENT REACTION.
- LARGE SPILLS: SAME

AVOID BREATHING OF VAPORS AND ABSORPTION THROUGH SKIN.

FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.

SECTION VII: SPECIAL PROTECTION INFORMATION

- RESPIRATORY PROTECTION: NONE
- VENTILATION: ADEQUATE LOCAL EXHAUST
- PROTECTIVE GLOVES: RUBBER
- EYE PROTECTION: SPLASH MASK OR GOGGLES
- OTHER PROTECTIVE EQUIPMENT: RUBBER APRON

SECTION VIII: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP WATER AWAY FROM ALL CONTAINERS. KEEP AWAY FROM CHLORATES, NITRATES, AND PERMANGANATES.

OTHER PRECAUTIONS: READ & FOLLOW THE DIRECTIONS ON THE PRODUCT LABEL. THEY ARE YOUR BEST GUIDE TO USING THIS PRODUCT IN THE MOST EFFECTIVE MANNER, AND THEY ALSO GIVE YOU THE NECESSARY SAFETY PRECAUTIONS TO PROTECT YOUR HEALTH.