

MATERIAL SAFETY DATA SHEET

Date of Revision: January 2006

SECTION I - PRODUCT IDENTIFICATION

Manufactured by: **VentureTECH Corporation**
10720 Lexington Drive
Knoxville, TN 37932

Information Phone: (865) 966-2532
Emergency Phone: (865) 544-9400

Chemical Name:

! NFPA Hazard Ratings: Health - 3
! none -> extreme Fire - 0

Trade Name:

DRAIN BORE

! 0 ----> 4 Reactivity - 2

Chemical Family:

Acid

! Special Hazard Warning -

Formula:

Proprietary Blend

! Personal Protection - D

SECTION II - HAZARDOUS INGREDIENTS

Principal Hazardous Compound:
Sulfuric Acid

Percent: CAS No: TLV:
0-100% 7664-93-9 1mg/m³ (mist only)

SECTION III - PHYSICAL DATA

Appearance & Odor: Clear Liquid, Acidic Odor
Percent Volatile by Volume: N/A
Specific Gravity: 1.83
Wt. per Gallon: 15.3lbs
pH: <1

Boiling Range: 550 ° F
Evaporation Rate: NA
Vapor Density: NA
Solubility in Water: Complete

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Non-Combustible

Flash Point: None

LEL:

UEL:

Extinguishing Media:

Non-Combustible. Acid itself is not flammable but may cause ignition by contact with combustible liquids and solids. Fight source of fire with dry chemical, carbon dioxide or water fog as required by surrounding fire.

Special Fire fighting Procedures:

Do not allow water to enter storage containers as a violent reaction can occur. Also hydrogen gas can accumulate in containers and care must be taken not to ignite. Wear rubber suits, rubber gloves, rubber boots, goggles or face shield and hard hat.

Unusual Fire & Explosion Hazards: The acid will not burn but can start fires with organic materials, nitrates, carbides, chlorates and metallic powders. Hydrogen, a highly flammable and explosive gas, is generated by acid action on most metals. Hydrogen gas can accumulate in containers and care must be taken not to ignite it.

SECTION V - HEALTH HAZARD DATA

Permissible Exposure Level: Not Established

Effects of Overexposure:

PRIMARY ROUTES OF ENTRY:

(X) Skin Contact (X) Eye Contact (X) Inhalation (X) Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: Skin, eye damage by tissue destruction upon exposure by dehydration. May cause third degree burns. Vapor may cause teeth erosion.

CHRONIC: Inhalation of mist can cause bronchitis hyperemia, epithelial degeneration of the larynx, trachea and bronchi with laryngeal or bronchial spasms and aggravate respiratory problems.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory irritation from excessive breathing of mists or generated vapors. Causes eye burns on contact.

CARCINOGENICITY: () OSHA () NTP () IARC

EMERGENCY PROCEDURES:

FIRST AID:

Inhalation: Remove from further exposure to fresh air. Support respiration if needed. Consult physician if symptoms persist.

Skin Contact: Remove contaminated clothing and wash contaminated areas with plenty of water for 15 minutes.

Eye Contact: Flush eyes immediately with large quantities of water for 15 minutes, lifting the eyelids occasionally. Seek medical attention immediately. Washing eyes within several seconds is essential.

Ingestion: Do not induce vomiting. Give large amounts of water. Seek medical attention immediately.

SECTION VI - REACTIVITY DATA

Stability: (X) Stable () Unstable

Incompatibility: Strong alkali, oxidizers and active metals.

Conditions to Avoid Do not pour water into acid. Do not store near nitrates, carbides, chlorates, cyanides or other combustible organic substances, Do not mix with metal powders as hydrogen gas can be generated.

Hazardous Decomposition Products: Hydrogen gas form reaction with steel or active metals. Sulfur Dioxide and Sulfur Trioxide.

Hazardous Polymerization: (X) Will not occur, () May occur

SECTION VII SPILL OR LEAK PROCEDURES

Steps To Be Taken in Case Material is Released or Spilled:

Confine as much as possible. Dike and absorb with inert material such as Oil dry or vermiculite. Neutralize with soda ash, lime or other alkaline materials. Transfer to containers for disposal. Flush contaminated area with plenty of water. Avoid wash water entering natural waterways or public water supplies.

Waste Disposal Method:

Dispose of waste in accordance with Federal, State, and local ordinances.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:

If ventilation is inadequate, wear a properly fitting MSHA or OSHA approved respirator.

Ventilation:

Local Exhaust. Good room ventilation usually adequate for most operations.

Protective Gloves:

Prevent contact with skin. Use impervious rubber or neoprene gloves.

Eye Protection:

Chemical type goggles or face shield.

Other Protective Equipment:

Wear appropriate protective clothing to prevent contact with product.

Wash hands thoroughly after use. Wash contaminated clothing before reuse

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling and Storing:

Empty containers should be reconditioned by certified firms. Disposal of empty containers should be in accordance with applicable laws and regulations. Store in a cool, dry place away from highly alkaline products and oxidizing compounds. Keep container closed. Keep out of reach of children.

Other Precautions:

The information in this data sheet has been assembled by the manufacturer based on its own studies and on the work of others. The manufacturer makes no warranties, express or implied as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

DRAIN BORE