

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

DATE ISSUED: 6/2003

PRODUCT NAME: HAMMER
DRAIN OPENER

SUPPLIER'S NAME:
American Cleaning Solutions

DOT CLASSIFICATION: Corrosive

PRODUCT #: 9220

SUPPLIER'S ADDRESS:
39-30 Review Avenue
Long Island City, NY 11101

DOT SHIPPING NAME: Sulfuric Acid, 8, UN1830, PGII

PRODUCT TYPE: Sulfuric Acid

HAZARD RATING:

CHEMICAL FAMILY: Acid Drain Cleaner

EMERGENCY PHONE: 800-535-5053

HEALTH: 3 **FLAMMABILITY:** 0
REACTIVITY: 0 **PERSONAL PROTECTION:** B

SECTION 2 - INGREDIENTS INFORMATION

CHEMICAL NAME	CAS NO.	% / WT.	THRESHOLD LIMIT VALUE
SULFURIC ACID	7664-93-9	TO 93	1mg/M ³
WATER	7732-18-5	Q.S.	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

BOILING RANGE (F): 560 °F **SPECIFIC GRAVITY:** 1.84
VAPOR PRESSURE: Negligible **VAPOR DENSITY:** N/A
% VOLATILE: Trace **pH:** <1
SOLUBILITY IN WATER: Complete **EVAPORATION RATE:** N/A
PHYSICAL DESCRIPTION: Oily, Red Liquid, Odorless

SECTION 4 - REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION: Will Not Occur
INCOMPATIBILITY (MATERIALS TO AVOID): Do not add water to acid. Always add acid to water. Do not store in metal or near high heat. Do not mix with other chemicals. Keep away from combustible materials.
HAZARDOUS DECOMPOSITION PRODUCTS: Sulfur Trioxide Gas.

SECTION 5 - FIRE & EXPLOSION HAZARD DATA

FLASH POINT: None
FLAMMABILITY: N/A
EXTINGUISHING MEDIA: Water, CO₂, Dry Chemical, Foam, Other.
SPECIAL FIRE FIGHTING PROCEDURES: Do not spray water directly on product as it reacts violently & will splatter. Wear protective clothing & mask.
UNUSUAL AND EXPLOSION HAZARDS: At high temps. Sulfur Trioxide Gas

SECTION 6 - STORAGE & HANDLING INFORMATION

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

EYES: Causes severe burns. **EXPOSURE LIMITS:** N/E
SKIN: Causes severe burns. **CARCINOGENICITY:**
NTP: Not listed
INHALATION: May cause irritation to upper tract. **IARC:** Not listed
INGESTION: Can be fatal if swallowed. **OSHA:** Not regulated
MEDICAL CONDITION AGGRAVATED BY EXPOSURE:
Person with present skin disorder may be more susceptible to irritation.

SECTION 8 - FIRST AID PROCEDURE

EYES: Flush with running water for 15 minutes. Get Medical attention
SKIN: Wash off with soap and water. Remove contaminated clothing. Causes severe burns
INHALATION: Remove to fresh air. Get medical attention
INGESTION: Can be fatal. Drink large quantities of water or milk followed by milk of magnesia, beaten eggs or vegetable oil. Get immediate medical attention.
If unconscious or in convulsion, take to hospital or physician.

SECTION 9 - PRECAUTIONS FOR SAFE HANDLING

RESPIRATORY PROTECTION: No special requirements.
PROTECTIVE GLOVES: Acid resistant. Acid resistant apron, arm sleeves.
VENTILATION: Good ventilation required.
EYE CONTACT: Goggles or Face Shield.

SECTION 10 - SPILL OR LEAK

SPILLAGE: Dike & contain spill, neutralize with sodium bicarbonate or soda ash until foaming ceases and acid is neutralized.
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.