MATERIAL SAFETY DATA SHEET

MANUFACTURER: TAYLOR TECHNOLOGIES, INC
31 LOVETON CIRCLE
SPARKS, MD 21152

TELEPHONE: 410-472-4140

1. PRODUCT IDENTIFICATION
   CATALOG NO.: R-06276-50
   PRODUCT NAME: Sulfuric Acid N/50
   CHEMICAL FAMILY: Inorganic acid solution

2. INGREDIENTS
   INGREDIENT          CAS NO.     NATURE OF HAZARD
   Sulfuric acid       7664-93-5  Irritant acid
   Deionized water     7732-18-5  None

3. PHYSICAL/CHEMICAL CHARACTERISTICS
   STATE: Liquid
   APPEARANCE: Clear, colorless
   ODOR: None
   BOILING PT (F): 212
   pH: 2
   SPECIFIC GRAVITY: 1
   VAPOR PRESSURE (mm Hg): 17
   VAPOR DENSITY (AIR=1): .6
   PERCENT VOLATILE BY VOLUME: 100
   SOLUBILITY IN WATER: Soluble

4. FIRE, EXPLOSION HAZARD AND REACTIVITY DATA
   FLASH PT: NA
   METHOD: NA
   FLAMMABLE LIMITS: LEL: NA
   UEL: NA
   EXTINGUISHING MEDIA: Dry chemical, carbon dioxide
   SPECIAL PROCEDURES: Wear self-contained (positive pressure if available)
   breathing apparatus and special protective clothing
   FIRE/EXPLOSION HAZARDS AND HAZARDOUS DECOMPOSITION PRODUCTS: May react
   violently with water. May react with metals to produce hydrogen gas. May
   ignite combustible materials. May emit toxic fumes of sulfur oxides.
   NFPA CODE: Health: 1  Flammability: 0  Reactivity: 1
   SPECIFIC: NA
   CONDITIONS TO AVOID: Extreme heat, temperatures. Contact with strong
   alkali, metals.

5. HEALTH HAZARD DATA
   INGREDIENT: Sulfuric acid
   TOXICITY: LD50 (oral-rat): 2140 mg/kg
   PEL: 1 mg/m3
   STEL: 0 mg/m3
   TLV: 1 mg/m3
   ROUTE(S) OF ENTRY: Inhalation  Ingestion  X  Skin  X
   TARGET ORGAN(S): Eyes, skin
   CARCINOGENICITY: NTP No  IARC No  OSHA No
   HEALTH HAZARDS AND SYMPTOMS OF EXPOSURE:
   EYES: Irritant. Contact may cause burns.
   SKIN: Irritant. Contact may cause burns.
   INGESTION: Irritant. May cause gastrointestinal irritation.
   INHALATION: NA
   MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Eye and skin conditions
6. PRECAUTIONARY MEASURES

PROTECTIVE EQUIPMENT: General purpose gloves, safety glasses, lab coat
HANDLING: Avoid contact with eyes, skin, and clothing. Avoid breathing
chemical. Wash thoroughly after handling.
STORAGE: Cool, dry area. Avoid direct sunlight.

7. EMERGENCY AND FIRST AID PROCEDURES

EYE AND SKIN CONTACT: Immediately flush eyes with water for 15 minutes.
Call physician. Wash skin thoroughly with baking soda, soap and water.
INGESTION: Give large amounts of water or large amounts of water with milk
of magnesium. Call physician. DO NOT INDUCE VOMITING.
INHALATION: NA

8. SPILL AND DISPOSAL PROCEDURES

SPILL OR RELEASE: Neutralize with soda ash. Absorb with vermiculite or
other inert material. Containerize for later disposal.
DISPOSAL: Incineration or other method to comply with all local, state, and
federal regulations.

NA = Not applicable
ND = Not determined
NE = Not established

This Material Safety Data Sheet has been prepared in accordance with 29 CFR
Part 1910.1200 and contains information believed to be accurate and complete at
the date of preparation. However, no warranty is expressed or implied. Advice
given under "Spill and Disposal Procedures" assumes compliance with federal,
state, and local regulations regarding the disposal of hazardous waste.

DATE PREPARED: May 1996