

MATERIAL SAFETY DATA SHEETSECTION I - MANUFACTURER'S INFORMATION

Manufacturer's Name: Taylor Chemicals, Inc.
31 Loveton Circle
Sparks, MD 21152

Emergency Telephone No.: 301-472-4340

Chemical Name and Synonyms: dilute sulfuric acid

Trade Name and Synonyms: .02N Sulfuric Acid R-555

Chemical Family: dilute inorganic mineral acid

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LARRY STATE HOSPITAL
ENGINEERING DEPARTMENT

SECTION II - HAZARDOUS INGREDIENTS: Listed Below ☒ Not Applicable ☐

<u>Component</u>	<u>Percentage</u>	<u>Hazard</u>
Sulfuric Acid	0.1	irritant acid

SECTION III - PHYSICAL DATA

<u>Boiling Point(F):</u> 212	<u>Specific Gravity:</u> 1
<u>Vapor Pressure(mm Hg):</u> 17	<u>Percent Volatile By Volume:</u> 100
<u>Vapor Density (Air=1):</u> .6	<u>Solubility in Water:</u> complete
<u>Appearance and Odor:</u> colorless, odorless liquid	

SECTION IV - FIRE & EXPLOSION DATA: Listed Below ☒ Not Applicable ☐

Flash Point(Method Used):

Flammable Limits: Lel: Uel:

Extinguishing Media:

Special Fire Fighting Procedures & Unusual Fire and Explosion Hazards:

Contact with metals can generate flammable hydrogen gas.

SECTION V - HEALTH HAZARD DATA: Listed Below X Not Applicable

Threshold Limit Value: 1 mg/cu. m. TXDS: 2 g/kg (sulfuric acid)

Effects of Overexposure:

Exceeding the TLV can result in death. This is extremely unlikely with this product. However, contact with skin and eyes can cause irritation.

Emergency and First Aid Procedures:

Flush with baking soda on skin and ammonia or baking soda on clothing followed by water. If swallowed, call physician at once. DO NOT INDUCE VOMITING. If conscious, give milk of magnesia with large amounts of water. Follow with milk or raw egg whites beaten in water.

SECTION VI - REACTIVITY DATA:

This material is stable in the container. However, it can react with metals and other chemicals to produce toxic or explosive gases. It can produce irritant oxides of sulfur if heated to decomposition.

SECTION VII - SPILL OR LEAK PROCEDURES:

Steps to be Taken in Case Material is Released or Spilled:

Neutralize with soda ash and absorb with sawdust, vermiculite or absorbent waste.

Waste Disposal Method:

Flush to sewer after neutralization, or dispose of as above.

SECTION VIII - SPECIAL PRECAUTIONS:

The hazardous ingredient is in a very dilute form and is unlikely to produce the hazardous conditions listed. However, contact with skin and eyes should be avoided.

This Material Safety Data Sheet has been prepared in accordance with 29 CFR Part 1910.1200. It contains information that we believe to be true and complete at the date of preparation. However, no warranty is expressed or implied. Advice given under "Waste Disposal" assumes compliance with Federal, State and Local regulations regarding the disposal of hazardous waste.

Signature

Title

Date

John W. McCauley *Chief Chemist* *Aug 8/1985*