



Biochemical Diagnostics, Inc.

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MATERIAL SAFETY DATA SHEET

GENERAL INFORMATION

TRADE NAME: 17-OH Corticosteroids Reagent
Blank Solution

Catalog Number: 3506623-3,3506624-1
Part of Kit: 3506261-1,3506094-4, 3506301-3

Chemical Name: 75% Sulfuric Acid

CAS #: 7664-93-9

Formula: H₂SO₄

INGREDIENTS

Components: Sulfuric Acid, 75% solution in water

Threshold Limit Values: N/A

PHYSICAL DATA

Boiling Point: 290C

Vapor Pressure: 1 mm Hg

Vapor Density: N/A

Specific Gravity: 1.844

Percent Volatile: N/A

Evaporation Rate: <1

Solubility H₂O: Miscible

pH: N/A

Appearance: Clear, colorless liquid

Odor: Sharp

Melting Point: -10C

FIRE AND EXPLOSION HAZARD DATA

Flammable Limits in air % by volume:

Lel: N/A

Uel: N/A

Flash Point: N/A

Auto Ignition Temp: N/A

Extinguishing Media: Use extinguishing media appropriate for surrounding fire

Special Fire Fighting Procedures: Wear proper protective equipment w/Self contained breathing apparatus

Unusual Fire and Explosion Hazards: None identified

REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Adding water to acid can cause violent, exothermic reaction, possibly causing fire. Can react violently with alkalis.

Incompatibility: water, bases, oxidizers, reducing agents, metal powders, carbides, acetic acid, combustible material

Hazardous Polymerization: Will not occur

Hazardous Decomposition: Hydrogen in presence of metals

ENVIRONMENTAL PROTECTION PROCEDURES

Spill Response: Wear suitable clothing, carefully absorb with spill-X neutralizer and absorbent and remove.

Waste Disposal Method: Dispose in accordance with state, local and federal regulations. Neutralize to pH 6-9.

SPECIAL PROTECTION INFORMATION

Eye Protection: Safety goggles

Skin Protection: Gloves, protective lab apparel.

Respiratory Protection: Do not breathe vapor. Use product under fume hood.

Ventilation: Keep vapor levels as low as possible, use vent hood.

SPECIAL PRECAUTIONS

Insert Precautions:

Keep container tightly closed. Keep upright and away from all incompatible materials.

Contaminated Equipment Precautions: Wash thoroughly with soap and water.

Hygienic Handling and Storage: Wash thoroughly with soap and water.

EMERGENCY AND FIRST AID PROCEDURES:

Ingestion: Causes severe burns on contact with any body tissue. Possibly fatal by inhalation or ingestion. Do not induce vomiting, dilute by giving milk or water. Get medical attention immediately.

Inhalation: Remove to fresh air. Causes severe burns on contact with any body tissue. Possibly fatal by inhalation or ingestion. Get medical attention immediately.

Skin Contact: Causes severe burns on contact with any body tissue. Possibly fatal by inhalation or ingestion. Remove all contaminated clothing and shoes. Get immediate medical attention.

Eye Contact: Rinse with copious amounts of water for at least 15 minutes. Get medical attention immediately.

Health:	3	Severe
Flammability:	0	None
Reactivity:	2	Moderate

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