

SAFETY DATA SHEET (SDS)

Reagent Blank Solution

01. Product and Company Identification

Product Identifier:

Trade Name: 17-OH Corticosteroids Reagent Blank Solution
Chemical Name: Sulfuric Acid, 75%
Catalog Number: 35066233, 35066241
Part of Kits: 35062611, 35060944, 35063013
Use of chemical: Laboratory chemical

Identification of Manufacturer:

Manufacturer/Supplier: Biochemical Diagnostics, Inc.
 180 Heartland Blvd., Edgewood, NY 11717
 Phone: (631) 595-9200 | Fax: (631) 595-9204
Emergency telephone number: (800) 255-3924

02. Hazard(s) Identification

Classification of substance or mixture:

Corrosive to Metals (Category 1)
 Skin Corrosion (Category 1A)
 Serious Eye Damage (Category 1)

Label elements:

Hazard pictograms



Corrosive

Signal word: Danger

Hazard statements:

H290 May be corrosive to metals.
 H314 Causes severe skin burns and eye damage.
 H318 Causes serious eye damage.

Precautionary statements:

P264 Wash skin thoroughly after handling.
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
 P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.
 P304 + P340 + P310 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
 P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.

Classification system:

NFPA ratings (scale 0 - 4)



Health = 3
 Fire = 0
 Reactivity = 0

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HMIS-ratings (scale 0 - 4)

HEALTH	3	Health = 3
FIRE	0	Fire = 0
REACTIVITY	2	Reactivity = 2

03. Composition/information on ingredients

Chemical Characterization: Solution

CAS No. Description : 7664-93-9

Formula : Sulfuric Acid, 75% solution in water

04. First aid measures

Description of first aid measures:

Inhalation: Remove to fresh air. Consult a physician.

Ingestion: Rinse mouth with water. Consult a physician.

Skin Contact: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Continue rinsing eyes during transport to hospital.

05. Firefighting measures

Extinguishing media: Water spray, dry chemical, alcohol-resistant foam, or carbon dioxide.

Special Fire Fighting Procedures: Wear proper protective equipment w/self-contained breathing apparatus. Use water spray to cool unopened containers.

Unusual Fire and Explosion Hazards: No data available.

06. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment. Avoid breathing vapors, mist or gas.

Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions:

Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.



Waste Disposal Method:

Dispose in accordance with state, local and federal regulations

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07. Handling and storage
Handling:
Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapor or mist.
Conditions for safe storage, including any incompatibilities:
Requirements to be met by storerooms and receptacles: Keep receptacle tightly closed. Store in well-ventilated, cool, dry conditions. Keep container sealed.
Further information about storage conditions:
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

08. Exposure controls/ personal protection
Exposure Controls:
Control parameters: Components with limit values that require monitoring at the workplace: 7664-93-9 Sulfuric acid TLV ACGIH value: 0.2 mg/m ³ Occupational exposure limit: 1 mg/m ³
Personal protective equipment:
General protective and hygienic measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.
Eye Protection:  Tightly sealed safety glasses or face shield.
Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact Protection of Hands:  Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Dispose of gloves after use. Wash and dry hands.
Respiratory Protection: If the exposure limit is exceeded use NIOSH approved and tested full-face respirator that is independent of circulating air.
Ventilation: Keep vapor levels as low as possible, use adequate general or local exhaust.

09. Physical and chemical properties
Appearance:
Form: Liquid
Color: Clear, Colorless
Odor: Sharp
pH: N/A
Melting Point: -10 °C (- °F)
Boiling Point: 290 °C (191.8 °F)
Flash Point: N/A

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Ignition temperature: N/A
Explosion limits: Lower: N/A Upper: N/A
Vapor Pressure @ 145.8°C: 1.33 hPa (1.00 mmHg)
Specific Gravity @ 20°C (68°F): 1.844 g/cm ³
Vapor Density @25°C: 3.39 - (Air = 1.0)
Percent Volatile: N/A
Evaporation Rate: <1
Flammable Limits in air % by volume: Lel: N/A Uel: N/A
Solubility in/ Miscibility with Water@20°C: Soluble

10. Stability and reactivity

Stability: Stable

Incompatibility: Bases, Halides, Organic materials, Carbides, fulminates, Nitrates, picrates, Cyanides, Chlorates, alkali halides, Zinc salts, permanganates, e.g. potassium permanganate, Hydrogen peroxide, Azides, Perchlorates., Nitromethane, phosphorous, Reacts violently with:, cyclopentadiene, cyclopentanone oxime, nitroaryl amines, hexalithium disilicide, phosphorous(III) oxide, Powdered metals

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

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: Hydrogen in the presence of metals. Sulfur oxides.

11. Toxicological information

Acute toxicity:

LD/LC50 values that are relevant for classification:

No data available

Potential health effects:

On the skin: Causes skin corrosion.

On the eye: Causes serious eye damage.

Inhalation: May cause irritation to respiratory tract.

Ingestion: May be harmful if swallowed.

12. Ecological information

Toxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No data available.

Other adverse effects: No data available.

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13. Disposal considerations**Waste treatment methods****Product:**

Dispose of waste in accordance to applicable national, regional, or local regulations.

Contaminated packaging:

Disposal must be made according to official regulations.

14. Transport Information**UN Number:**

1830

UN proper shipping name:

Sulfuric acid

Transport hazard class(es):

8

Packing group:

II

Environmental hazards:

None

Special precautions

None

15. Regulatory Information**SARA 302 Components:**

The following components are subject to reporting levels established by SARA Title III, Section 302:

Sulfuric acid CAS-No. 7664-93-9 Revision Date 2007-07-01

SARA 313 Components:

The following components are subject to reporting levels established by SARA Title III, Section 313:

Sulfuric acid CAS-No. 7664-93-9 Revision Date 2007-07-01

SARA 311/312 Hazards:

Acute Health Hazard, Chronic Health Hazard

16. Other Information**Revision B, June 2015**

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