



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  <div style="text-align: center; margin-top: 5px;">Corrosive</div>
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) <div style="display: flex; align-items: center; margin-top: 10px;">  <div style="margin-left: 20px;"> Health = 3 Fire = 0 Reactivity = 0 </div> </div>

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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**

The information contained herein is provided in good faith and is believed to be correct as of the date hereof. However, we make no representation as to the comprehensiveness or accuracy of the information. It is expected that individuals receiving the information will exercise their independent judgment in determining its appropriateness for a particular purpose. Accordingly, we will not be responsible for damages of any kind resulting from the use of or reliance upon such information.

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