

# GASTECH

The Trusted Name In Gas Detection

112  
LOCATED IN WPS OFFICE  
STREET OFFICE  
SALES OFFICE

## Manufacturer Info

GasTech, Inc.  
8407 Central Avenue  
Newark, California 94560-3431  
(510) 794-6200  
Sales: (510) 745-8700  
Fax: (510) 794-6201

## Emergency Phone

(510) 794-6200  
8:00am-5:00pm PST

after hours: (510) 805-0721 pager  
enter your area code and phone number  
for immediate response

Product: **Electrolyte, Gas Sensor**

Date prepared: 12/30/92

## I HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Common Name	CAS #	OSHA PEL	ACGIH TLV	%
Sulfuric Acid (H2SO4)	7664939	1 mg/M3	1 mg/M3	9-32%

*Sealed electrochemical sensor contains approximately 4 ml of aqueous solution.*

**SECTION 313 SUPPLIER NOTIFICATION.** This constituent is subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372.

Regulatory Lists:  
For Sulfuric Acid  
Carcinogenicity: NO  
EHS: YES  
CERCLA: YES  
SARA 313 Toxic Chemical: YES  
TSCA Inventory: YES

## II PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 250-400 degrees F	Vapor Pressure (mmHg): NA
Melting Point: NA	Vapor Density (Air=1): 3.40
Specific Gravity: 1.03-1.73	Solubility (in water): Complete
Physical State: Liquid	Evaporation Rate: NA

ELECTROLYTE, GAS SENSOR

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Medical Conditions Generally Aggravated by Exposure: None identified

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#### VI CONTROL MEASURES

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Respiratory Protection: None required

Ventilation: None required

Eye/Skin Protection:

Skin: gloves and apron required

Eye: chemical safety goggles required

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#### VII PRECAUTIONS FOR STORAGE AND HANDLING

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Handling Precautions: Use safe chemical handling procedures. Do not attempt to disassemble the cell.

Storage Precautions: Suitable for general storage.

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#### VIII SPILL & DISPOSAL PROCEDURES

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Steps to be taken in case material is released or spilled: Wear appropriate protective clothing, neutralize spill with soda ash, lime, or baking soda, absorb spilled material with absorbant material. Flush area with water.

Waste Disposal Method: Dispose in accordance with all applicable federal, state, and local regulations.

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#### IX ADDITIONAL INFORMATION

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This product has not been tested as a whole by Gas Tech, Inc. Information is provided, at a minimum, on constituents which have been determined to be health hazards, and which comprise 1% or greater of the composition, except that substances identified as carcinogens shall be listed if the concentrations are 0.1% or greater.

This information contained herein is based on the data available to us and is believed to be correct. However, GasTech makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. GasTech assumes no responsibility for illness, injury, or death from the proper or improper use of the product described herein.

The information in this material safety data sheet meets the requirements of 29 CFR 1910.1200. It is intended only as a guide to the appropriate precautionary handling of the material by a person trained in, or supervised by a person trained in, hazardous materials handling. The employer is responsible for determining the precautions and dangers of this material for specific applications of the product.