

GASTECH INC. JOHNSON INSTRUMENT DIV -- ELECTROLYTE, GAS SENSOR -- 6665-01-300-9305

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Product Identification  
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Product ID:ELECTROLYTE, GAS SENSOR

MSDS Date:10/25/1993

FSC:6665

NIIN:01-300-9305

MSDS Number: BMXDQ

=== Responsible Party ===

Company Name:GASTECH INC. JOHNSON INSTRUMENT DIV

Address:8445 CENTRAL AVE

City:NEWARK

State:CA

ZIP:94560-3431

Country:US

Info Phone Num:510-794-6200

Emerg

ency Phone Num:510-794-6200

CAGE:NO387

=== Contractor Identification ===

Company Name:AERIFORM INSTRUMENTS INC

Address:1400 BATTLEGROUNDAVE, SUITE 132

Box:City:GREENSBORO

State:NC

ZIP:27417-0160

Country:US

Phone:910-691-0333

CAGE:0WK23

Company Name:GAS TECH INC. JOHNSON INSTRUMENT DIV

Address:8445 CENTRAL AVE

Box:City:NEWARK

State:CA

ZIP:94560-3431

Country:US

Phone:510-794-6200

CAGE:51906

Company Name:GASTECH INC. JOHNSON INSTRUMENT DIV

Address:8445 CENTRAL AVE

Box:City:NEWARK

State:CA

ZIP:9456

0-3431  
Country:US  
Phone:510-794-6200  
CAGE:NO387  
Company Name:MAJOR SAFETY SERVICE  
Address:4500 PATENT RD  
Box:City:NORFOLK  
State:VA  
ZIP:23502-5605  
Country:US  
Phone:804-855-2088  
CAGE:3P443

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Composition/Information on Ingredients  
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Ingred Name:SULFURIC ACID (SARA 302/313) (CERCLA)  
CAS:7664-93-9  
RTECS #:WS5600000  
Fraction by Wt: 40%  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3/3 STEL; 9495  
EPA Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-EYES, NOSE, & THROAT,  
IRRITATION, BRONCHITIS, CONJUNCTIVITIS, STOMATITIS, DENTAL EROSION,  
SKIN & EYE BURNS, DERMATIITS, MAY BE FATAL IF INGESTED.  
CHRONIC-PULMONARY EDEMA, EMPHYSEMA.  
Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT  
CAR  
CINOGENICITY. HMIS FOUND NO LISTING & DOES NOT EXPECT IT TO BE  
CARCINOGENIC.  
Effects of Overexposure:EYES, NOSE, & THROAT, IRRITATION, BRONCHITIS,  
CONJUNCTIVITIS, STOMATITIS, DENTAL EROSION, SKIN & EYE BURNS,  
DERMATIITS, MAY BE FATAL IF INGESTED.  
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

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First Aid Measures  
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First Aid:EYE:IMMEDIATELY FLUSH W/WATER FOR 15 MIN. CALL PHYSICIAN.  
SKIN:IMMEDIATELY FLUSH W/WATE

R. RESPIRATORY:PROVIDE FRESH AIR OR  
OXYGEN. INGESTION:DO NOT INDUCE VOMITING & CALL PHYSICIAN  
IMMEDIATELY.

===== Fire Fighting Measures =====

Lower Limits:NOT ESTAB.  
Upper Limits:NOT ESTAB.  
Extinguishing Media:USE WHAT IS APPROPRIATE FOR SURROUNDING FIRE  
Fire Fighting Procedures:NONE  
Unusual Fire/Explosion Hazard:NONE

===== Accidental Release Measures =====

Spill Release Procedures:WEAR APPROPRIATE PROTECTIVE CLOTHING,  
NEUTRALIZE SPILL W/SODA ASH, LI  
Neutralizing Agent:SODA ASH, LIME OR BAKING SODA

===== Handling and Storage =====

Handling and Storage Precautions:SUITABLE FOR GENERAL STORAGE. USE SAFE  
CHEMICAL HANDLING PROCEDURES. DO NOT ATTEMPT TO DISASSEMBLE CELL.  
Other Precautions:NONE

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED  
Ventilation:NONE REQUIRED  
Protective Gloves:GLOVES REQUIRED  
Eye Protection:  
CHEMICAL SAFETY GLASSES REQUIRED  
Other Protective Equipment:APRON REQUIRED  
Work Hygienic Practices:MFR:?. HMIS:USE GOOD CHEMICAL HYGIENE  
PRACTICES. AVOID CONTACT IF AT ALL POSSIBLE. WASH THOROUGHLY AFTER  
HANDLING.  
Supplemental Safety and Health  
NONE

===== Physical/Chemical Properties =====

HCC:N1  
NRC/State Lic Num:NONE  
Boiling Pt:B.P. Text:250F,121C  
Vapor Density:3.40  
Spec Gravity:1.03-1.73  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR TO YELLOWISH

OILY LIQUID, ODORLESS

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

ORGANIC MATERIALS, CHLORATES, CARBIDES, FULMINATES, POWDERED METALS,  
MOISTURE.

Stability Condition to Avoid: REACTS EXOTHERMIC W/WATER, CORROSIVE TO  
ORGANIC MATERIALS.

Hazardous Decomposition Products: OXIDES OF SULFUR

Conditions to Avoid Polymerization: WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:

DISPOSE I/A/W ALL APPLICABLE FEDERAL, STATE &  
LOCAL ENVIRONMENTAL REGULATIONS.

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