

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

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ncy 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:94560

-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
CARC
INOGENICITY. 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/WATER

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

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Fire Fighting Measures
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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

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

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

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Exposure Controls/Personal Protection
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Respiratory Protection:NONE REQUIRED
Ventilation:NONE REQUIRED
Protective Gloves:GLOVES REQUIRED
Eye Protection:C
HEMICAL 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

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Physical/Chemical Properties
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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 O

ILY 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 Metho

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

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