

R-0009 SULFURIC ACID .12N

MSDS Number

BTTYM

National Stock Number

6810-00F005713

Product Name

R-0009 SULFURIC ACID .12N

Manufacturer

TAYLOR TECHNOLOGIES INC

Product Identification

Product ID:R-0009 SULFURIC ACID .12N

MSDS Date:02/01/1992

FSC:6810

NIIN:00F005713

MSDS Number: BTTYM

Responsible Party

TAYLOR TECHNOLOGIES INC

31 LOVETON CIRCLE

SPARKS , MD 21152-9201

US

Emergency Phone: 410-472-4340

Info Phone: 410-472-4340

Cage: EO526

Contractor

TAYLOR TECHNOLOGIES, INC

SPARKS, MD 21152

US

401-472-4340

Cage: 89975

Ingredients

SULFURIC ACID (SUSPECTED HUMAN CARCINOGEN BY IARC - GROUP

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight:

OSHA PEL1 MG/CUM

ACGIH TLV: 1 MG/CUM=IC

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight:

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT): 2140 MG/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYES/SKIN: IRRITANT. CONTACT MAY CAUSE BURNS. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION.
Explanation of Carcinogenicity:SEE INGREDIENTS
Effects of Overexposure:EYES/SKIN: IRRITANT. CONTACT MAY CAUSE BURNS. INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION.
Medical Cond Aggravated by Exposure:EYE/SKIN CONDITIONS.

First Aid

First Aid:EYES: IMMEDIATELY FLUSH W/WATER FOR 15 MINS. SKIN: WASH THOROUGHLY W/BAKING SODA, SOAP & WATER. INGESTION: GIVE LARGE AMOUNTS OF WATER/LARGE AMOUNTS OF WATER W/MILK OF MAGNESIA. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Extinguishing Media:DRY CHEMICAL & CO2
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS IN POSITIVE PRESSURE MODE & SPECIAL PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:MAY REACT VIOLENTLY W/WATER. MAY REACT W/METALS TO FORM HYDROGEN GAS. MAY IGNITE COMBUSTIBLE MATERIALS.

Accidental Release

Spill Release Procedures:NEUTRALIZE W/SODA ASH. ABSORB W/VERMICULITE/OTHER INERT MATERIAL. CONTAINERIZE FOR LATER DISPOSAL.
Neutralizing Agent:SODA ASH

Handling

Handling and Storage Precautions:STORE IN COOL, DRY AREA. AVOID DIRECT SUNLIGHT.
Other Precautions:AVOID CONTACT W/EYES, SKIN & CLOTHING. AVOID BREATHING CHEMICAL.

Exposure Controls

Protective Gloves:GENERAL PURPOSE
Eye Protection:SAFETY GLASSES
Other Protective Equipment:LAB COAT
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health

Chemical Properties

Boiling Pt:B.P. Text:212F
Vapor Pres:17
Vapor Density:0.6
Spec Gravity:1
pH:1.3
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR, COLORLESS LIQUID W/NO ODOR
Percent Volatiles by Volume:100

Stability

Stability Indicator/Materials to Avoid:YES
STRONG ALKALI & METALS, WATER.
Stability Condition to Avoid:EXTREME HEAT/TEMPERATURES, DIRECT SUNLIGHT.
Hazardous Decomposition Products:HYDROGEN GAS & SULFUR OXIDES.

Disposal

Waste Disposal Methods:INCINERATION/OTHER METHOD IAW/LOCAL, STATE & FEDERAL REGULATIONS.

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