

R 990 LIQUIDATE

MSDS Number

BWTRH

National Stock Number

6850-00F038291

Product Name

R 990 LIQUIDATE

Manufacturer

AMREP INC

Product Identification

Product ID: R 990 LIQUIDATE

MSDS Date: 03/06/1989

FSC: 6850

NIIN: 00F038291

MSDS Number: BWTRH

Responsible Party

AMREP INC

990 INDUSTRIAL PK DR

MARIETTA, GA 30062-2433

US

Emergency Phone: 404-422-2071

Info Phone: 404-422-2071

Cage: 3V338

Contractor

AMREP INC

MARIETTA, GA 30062-2433

US

404-422-2071

Cage: 3V338

Ingredients

SULFURIC ACID (SUSPECTED HUMAN CARCINOGEN BY IARC - GROUP

CAS: 7664-93-9

RTECS: WS5600000

Fraction By Weight: >95%

OSHA PEL1 MG/CUM

ACGIH TLV: 1 MG/CUM=IC

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO

Reports of Carcinogenicity: NTP: NO IARC: YES OSHA: NO

Health Hazards Acute and Chronic: BURNS, RAPID DESTRUCTION OF ALL TISSUE CONTACTED. MAY CAUSE DERMATITIS/SECONDARY EFFECTS OF BURNS, TOOTH EROSION. EYES/SKIN/INGESTION: CORROSIVE. INHALATION: MAY CAUSE RESPIRATORY IRRITATION, LIQUID I S CORROSIVE.

Explanation of Carcinogenicity:SEE INGREDIENTS.

Effects of Overexposure:BURNS, IRRITATION, CHRONIC COUGH

First Aid

First Aid:EYES/SKIN: FLUSH W/WATER FOR 15 MINS. INHALATION: REMOVE TO FRESH AIR. INGESTION: WASH OUT MOUTH W/WATER. GIVE LARGE QUANTITIES OF WATER TO DRINK. DON'T INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NONE

Extinguishing Media:CO2/DRY CHEMICAL

Fire Fighting Procedures:USE WATER FOG TO KNOCK DOWN VAPORS. WEAR A NIOSH/MSHA APPROVED POSITIVE PRESSURE SCBA.

Unusual Fire/Explosion Hazard:DON'T ALLOW WATER TO ENTER CONTAINERS, VIOLENT REACTION RESULTS.

Accidental Release

Spill Release Procedures:DIKE & SOAK UP W/INERT ABSORBENT. SHOVEL/SWEEP & PLACE IN A PROPERLY LABELED APPROVED DOT CONTAINER & SEAL FOR DISPOSAL. NEUTRALIZE AREA & DISPOSE PROPERLY.

Neutralizing Agent:SODA ASH

Handling

Handling and Storage Precautions:STORE IN ORIGINAL SHIPPING CONTAINER. KEEP CLOSED WHEN NOT IN USE. SHELF LIFE IS ONE YEAR.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT & BREATHING OF MISTS/VAPORS.

Exposure Controls

Respiratory Protection:NOT NEEDED IN NORMAL USE & HANDLING OF PRODUCT.

Ventilation:AS REQUIRED TO KEEP AIR CONCENTRATION BELOW PEL. NORMAL ROOM VENTILATION IS USUALLY ADEQUATE.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL GOGGLES & FACESHIELD

Other Protective Equipment:COVERALLS, RUBBER APRON & BOOTS, EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices:UPON CONTACT WASH OFF W/WATER IMMEDIATELY.

Supplemental Safety and Health

MATERIALS TO AVOID CONT'D: AMINES, CARBIDES, FULMINATES, CHLORATES, NITRATES, OLCTATES. WATER WILL CAUSE SPLATTERING, FUMING & EVOLUTION OF HEAT.

Chemical Properties

Boiling Pt:B.P. Text:640.4F

Vapor Pres:0.0038

Vapor Density:3.38

Spec Gravity:1.839

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR COLORLESS TO CLOUDY LIQUID W/NO ODOR TO MILD, ACRID ODOR

Stability

Stability Indicator/Materials to Avoid:YES

SOLVENTS, OXIDIZERS, REDUCING AGENTS, COMBUSTIBLE MATERIALS, ORGANIC MATERIALS, ALKALIS, POWDERED METALS (SEE SUPP)

Stability Condition to Avoid:HEATING

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN MAY EVOLVE IN CONTACT W/METAL.

Disposal

Waste Disposal Methods:DISPOSE OF IAW/LOCAL, STATE & FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever,

expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.