

RICCA CHEMICAL COMPANY -- COPPER SULFATE SOLUTIONS -- 6550-01-145-8134

===== Product Identification =====

Product ID:COPPER SULFATE SOLUTIONS

MSDS Date:09/09/1992

FSC:6550

NIIN:01-145-8134

MSDS Number: BPRPJ

=== Responsible Party ===

Company Name:RICCA CHEMICAL COMPANY

Box:13090

City:ARLINGTON

State:TX

ZIP:76013

Country:US

Info Phone Num:817-461-5601

Emergency Phone Num:817-461-5601

CAGE:0V553

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Contractor Identification ===

Company Name:RICCA CHEMICAL COMPANY

Address:448 W FORK DR

Box:13090

City:ARLINGTON

State:TX

ZIP:76013

Country:US

Phone:817-461-5601

CAGE:0V553

===== Composition/Information on Ingredients =====

Ingred Name:COPPER SULFATE

CAS:7758-99-8

RTECS #:GL8900000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3 (CU DUST)

ACGIH TLV:1 MG/M3 (CU DUST)

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Other REC Limits:NONE RECOMMENDED

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Hazards Identification =====

LD50 LC50 Mixture:ORAL RAT LD50: 300MG/KG.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:AS COPPER MIST OR DUST THE TARGET
ORGANS INCLUDE: UPPER RESPIRATORY TRACT, GASTROINTESTINAL TRACT,
LIVER, KIDNEY, SKIN.

Explanation of Carcinogenicity:NONE SPECIFIED BY MANUFACTURER.

Effects of Overexposure:COUGHING, SORE THROAT, SHORTNESS OF BREATH,
IRRITATION OF MUCOUS MEMBRANE, NASAL PERFORATION, EYE I
RRITATION,

DERMATITIS, NAUSEA, LIVER, KIDNEY DAMAGE.

Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY DISEASE.

PRE-EXISTING EYE PROBLEMS,SKIN DISORDERS, BLOOD DISORDERS, LIVER OR
KIDNEY DISEASE, WILSON'S DISEASE.

===== First Aid Measures =====

First Aid:IN ALL CASES SEEK QUALIFIED EVALUATION. EYE CONTACT: IRRIGATE
IMMEDIATELY WITH LARGE QUANTITIES OF RUNNING WATER. SKIN CONTACT:
WATER FLUSH IMMEDIATELY. REMOVE ANY CONTAMINATED CL
OTHING.

INHALATION: R EMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF
NECESSARY. INGESTION: DILUTE IMMEDIATELY WITH WATER OR MILK. INDUCE
VOMITING. GET MEDICAL HELP.

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

Extinguishing Media:NONE SPECIFIED BY MANUFACTURER.

Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill R

elease Procedures:ABSORB AND COLLECT IN SEALED CONTAINER FOR
DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:NONE

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NORMAL ROOM VENTILATION IS ADEQUATE.

Protective Gloves:RUBBER GLOVES

Eye Protecti

on:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:LAB COAT OR LAB APRON.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING, DRINKING OR SMOKING.

Supplemental Safety and Health

NONE

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

HCC:N1

Boiling Pt:B.P. Text:212F,100C

Spec Gravity:1.05-1.08

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, MEDIUM BLUE, ODORLESS LIQUID.

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

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NONE SPECIFIED BY MANUFACTURER.

Stability Condition to Avoid:STABLE UNDER NORMAL CONDITIONS OF USE AND STORAGE

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE OF IN SEALED CONTAINER IN A SECURE SANITARY LANDFILL.

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