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FISHER SCIENTIFIC CO;CHEMICAL MFG DIV

AMMONIUM PERSULFATE

SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: AMMONIUM PERSULFATE
 Manufacturer Name: FISHER SCIENTIFIC CO;CHEMICAL MFG DIV
 Address:
 1-REAGENT LN Box: N/K
 City:FAIR LAWN
 State:NJ
 Zip:07410-2802
 Country:US
 Business Phone: 201-796-7100
 For information in North America, call: 201-796-7100
 Health Phone: 201-796-7100
 Manufacturer MSDS Creation Date:
 12/12/1988

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SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Percent	
AMMONIUM PEROXYDISULFATE	7727-54-0	100.0	

RTECS:
 SE0350000
 OSHA PEL TWA: N/K
 ACGIH TLV TWA: 5MG/CUM AS S*20*8
 ACGIH STEL/Ceiling: N/P
 Comments:
 Other REC Limits: 2MG/CUM AS S*20*8 ; Ozone Depleting Chemical: N ;

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SECTION 3 : HAZARDS IDENTIFICATION

AMMONIUM PEROXYDISULFATE:

Route of Exposure:
 Inhalation: YES Skin: NO Ingestion: YES
 Potential Health Effects:
 ACUTE:INHALATION:IRRITATION, ASTHMA, PULMONARY EDEMA.
 SKIN:IRRITANT/SENSITIZER, BURNS, DERMATITIS. EYES: IRRITATION.
 INGESTION:IRRITATION OF G.I.TRACT. CHRONIC: CONJUNCTIVITIS, ASTHMA,
 DERMATITIS, SEN SITIZATION.
 Carcinogenicity:
 NONE
 OSHA Designation: NO
 NTP Designation: NO
 IARC Designation: NO

Signs/Symptoms:

INHALATION: CHEST PAIN, TIGHTNESS OF CHEST, COUGHING. EYES: REDNESS, BURNING SENSATION, TEARING. SKIN: REDNESS, ITCHING, BURNS, RASH. INGESTION: NAUSEA, VOMITING, STOMACH PAIN.

Aggravation of Pre-Existing Conditions:

PRE-EXISTING SKIN AND REPIRATORY CONDITIONS MAY BE AGGRAVATED.

LD 50 LC 50 Mixture

ORAL LD50 (RAT) IS 820 MG/KG

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SECTION 4 : FIRST AID MEASURES

First Aid

INHALATION: REMOVE TO FRESH AIR, CALL DOCTOR.
SKIN:WASH IMMEDIATELY WITH LARGE AMOUNTS OF WATER. EYES:FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES, CALL A PHYSICIAN. INGESTION: GIVE 2 TO 4 GLASS ES OF WATER, SEE A DOCTOR IMMEDIATELY.

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SECTION 5 : FIRE FIGHTING MEASURES

Flash Point:

NONE

Flash Point Method:

N/P

Upper Flammable or Explosive Limit: N/K

Lower Flammable or Explosive Limit: N/K

Auto Ignition Temperature: N/K

Extinguishing Media:

DRY CHEMICAL,CO*2,WATER SPRAY.

Fire Fighting Instructions:

USE NIOSH/MSHA APPROVED SCBA IN CASE OF FIRE IN AN ENCLOSED AREA.

Unusual Fire Hazards:

OXIDIZER. RELEASES OXYGEN WHEN HEATED. MODERATE FIRE AND EXPLOSION HAZARD. USE REASONABLE CARE.

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SECTION 6 : ACCIDENTAL RELEASE MEASURES

Leak Response:

USE PROPER PERSONAL PROTECTION. KEEP COMBUSTIBLE MATERIALS AWAY. SHOVEL AND COLLECT IN DRY CONTAINER, FOR PROPER DISPOSAL.

Other Precautions:

NONE SPECIFIED BY MANUFACTURER.

Neutralizing Agent

NONE

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SECTION 7 : HANDLING and STORAGE

Handling:

STORE IN COOL AND DRY AREA. KEEP AWAY FROM HEAT, SPARKS AND COMBUSTIBLE MATERIALS.

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SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

Ventilation System:

USE ADEQUATE MECHANICAL VENTILATION.

Hand Protection Description:

RUBBER, RUBBER BLEND

Eye/Face Protection:

SAFETY GLASSES/FACESHIELD.

Respiratory Protection:

USE NIOSH/MSHA APPROVED RESPIRATOR OR SCBA IN AN ENCLOSED AREA.

Other Protective:

EYE WASH,SAFETY SHOWER.

Other:

MSDS RECEIVED BY DGSC-SLM:SEPT 18,1987.

Work Hygienic Practices

AVOID CONTACT WITH EYES AND SKIN. DO NOT BREATHE DUST/MIST.

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SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:

LIGHT TO COLORLESS SOLID OR WHITE CRYSTALS, ODORLESS

pH:

N/K

Decomposition Temperature:

478F,248C

Vapor Pressure:

UNKNOWN

Vapor Density:

UNKNOWN

Boiling Point:

UNKNOWN

Melting Point:

248F,120C

Solubility In Water:

APPRECIABLE

Specific Gravity:

1.9

Evaporation Point:

UNKNOWN

Percent Volatile:

N/K

Viscosity:

N/P

Other:

Corrosion Rate: UNKNOWN

Comment:

NRC/State LIC Number: N/R

HCC

D1

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SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:

YES

Conditions to Avoid:

EXTREME HEAT,FINELY DIVIDED METALS.

Incompatibilities with Other Materials:

ALUMINIUM AND WATER,PERCHLORIC ACID,CHLORATES.

Hazardous Polymerization:

NO

Hazardous Decomposition Products:

SULFUR OXIDE, NITROGEN OXIDE.

Conditions To Avoid Polymerization

NONE

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SECTION 11 : TOXICOLOGICAL INFORMATION

Toxicological Paragraph:

N/P

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SECTION 12 : ECOLOGICAL INFORMATION

Ecological Paragraph:

N/P

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SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:

DISPOSE OF COLLECTED MATERIAL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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SECTION 14 : TRANSPORT INFORMATION

Transportation Information:

N/P

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SECTION 15 : REGULATORY INFORMATION

AMMONIUM PEROXYDISULFATE:

SARA:

N/P

US Federal:

N/P
State:
N/P

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SECTION 16 : ADDITIONAL INFORMATION

MSDS Author:

N/R

Disclaimer:

Please note that although the information, opinions and recommendations contained in these Material Safety Data Sheets are compiled from sources believed to be reliable, we accept no responsibility for the accuracy, sufficiency, or reliability or for any loss or injury resulting from the use of the information. Newly discovered hazards are frequent and this information may not be completely up to date.

Other Information

N/P

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