

SPECTRUM CHEMICAL MFG. CORP. -- A5220, AMMONIUM PERSULFATE -- 6810-00-281-3021

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

Product ID:A5220, AMMONIUM PERSULFATE

MSDS Date:06/23/1999

FSC:6810

NIIN:00-281-3021

Status Code:A

MSDS Number: CKLKK

=== Responsible Party ===

Company Name:SPECTRUM CHEMICAL MFG. CORP.

Address:14422 S SAN PEDRO ST

City:GARDENA

State:CA

ZIP:90248-2027

Country:US

Info Phone Num:310-516-8000

Emergency Phone Num:310-516-8000

Preparer's Name:G.A. BINAS

Chemtrec Ind/Phone:(800)424-9300

CAGE:63415

=== Contractor Identification ===

Company Name:INDUSTRIAL CHEMICAL COMMODITIES INC

Address:15944 DERWOOD RD

Box:City:ROCKVILLE

State:MD

ZIP:20855

Country:US

Phone:800-284-5279

Contract Num:SP0450-00-M-SC59

CAGE:1ELU0

Company Name:MEXPAR INTL, INC

Address:532 W. FOOTHILL BLVD

Box:City:AZUSA

State:CA

ZIP:91702

Country:US

Phone:626-812-6211

Contract Num:SP0450-00-M-SB42

CAGE:0P0U1

Company Name:SPECTRUM LABORATORY PRODUCTS INC

Address:14422 S SAN PEDRO ST

Box:City:GARDENA
State:CA
ZIP:90248-2027
Country:US
Phone:310-516-8000/FAX: 310-516-9843
CAGE:63415

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

Ingred Name:AMMONIUM PERSULFATE
CAS:7727-54-0
RTECS #:SE0350000
= Wt:100.

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL LD50 820 MG/KG (RAT)
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Health Hazards Acute and Chronic:ACUTE: EYES: EXTREMELY HAZARDOUS
(IRRITANT). S
KIN: VERY HAZARDOUS (IRRITANT & CORROSIVE). PROLONGED
EXPOSURE MAY RESULT IN SKIN BURNS & ULCERATIONS. INHALATION:
OVEREXPOSURE MAY CAUSE RESPIRATORY IRRITATION. CHRONIC: TOXIC TO
LUNGS, MUCOUS MEMBRANES. REPEATED OR PROLONGED EXPOSURE TO
SUBSTANCE CAN CAUSE TARGET ORGAN DAMAGE.
Explanation of Carcinogenicity:DATA ON CARCINOGENIC, MUTAGENIC,
TERATOGENIC EFFECTS AND DEVELOPMENTAL TOXICITY NOT AVAILABLE.
Effects of Overexposure:INFLAMMATION OF EYE CHARACTERIZED BY REDNESS,

WATERING, & ITCHING. SKIN INFLAMMATION IS CHARACTERIZED BY ITCHING,
SCALING REDDENING OR, OCCASIONALLY, BLISTERING.
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE
PARTY.

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

First Aid:EYES: REMOVE CONTACT LENSES. IMMEDIATELY FLUSH WITH RUNNING
WATER FOR AT LEAST 15 MINUTES, KEEPING EYELIDS OPEN. COLD WATER MAY
BE USED. DO NOT USE EYE OINTMENT. GET MEDICAL HELP. SKIN: REMOVE
CONTAMINATED

CLOTHES, PLACE UNDER DELUGE SHOWER. WASH SKIN WITH WATER & NON-ABRASIVE SOAP. CLEAN FOLDS OF SKIN. SERIOUS CONTACT: WASH WITH DISINFECTANT SOAP & COVER WITH ANTIBACTERIAL CREAM. GET MEDICAL HELP. INHALATION: EVACUATE. LOOSEN CLOTHES. GIVE O2 IF BREATHING DIFFICULT OR CPR IF NOT BREATHING. GET MEDICAL HELP. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL HELP.

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

Flash Point:NOT AVAILABLE

Autoignition

on Temp:Autoignition Temp Text:N/AV

Lower Limits:N/AV

Upper Limits:N/AV

Extinguishing Media:OXIDIZING MATERIAL. DO NOT USE WATER JET. USE FLOODING QUANTITIES OF WATER. AVOID CONTACT WITH ORGANIC MATERIALS.

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:FLAMMABLE IN PRESENCE OF REDUCING MATERIALS. NO DATA AVAILABLE ON RISK OF EXPLOSION OF PRODUCT IN PRESENCE OF MECHANICAL IMPACT OR STATIC DISCHARGE.

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

Spill Release Procedures:SMALL: USE APPROPRIATE TOOLS TO PUT SPILLED MATERIAL IN WASTE DISPOSAL CONTAINER. LARGE: OXIDIZING MATERIAL. STOP LEAK WITHOUT RISK. AVOID CONTACT WITH COMBUSTIBLES. KEEP SUBSTANCE DAMP WITH WATER SPRAY. DO NOT TOUCH. PREVENT ENTRY INTO SEWERS, BASEMENTS, CONFINED AREAS. ELIMINATE IGNITION SOURCES. CALL FOR DISPOSAL ASSISTANCE.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:KEEP CONTAINER DRY, AWAY FROM HEAT, IGNITION & COMBUSTIBLES. EMPTY CONTAINERS POSE FIRE RISK. EVAPORATE RESIDUE UNDER FUME HOOD. GROUND ALL EQUIPMENT CONTAINING MATERIAL. OXIDIZING MATERIALS SHOULD BE STORED IN SEPARATE SAFETY STORAGE CABINET OR ROOM.

Other Precautions:DO NOT INGEST. DO NOT BREATHE DUST. NEVER ADD WATER TO PRODUCT. IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT

. IF INGESTED, SEEK MEDICAL ADVICE IMMEDIATELY
& SHOW CONTAINER OR LABEL. AVOID CONTACT WITH SKIN & EYES.

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

Respiratory Protection:SELF CONTAINED BREATHING APPARATUS SHOULD BE USED
TO AVOID INHALING PRODUCT. CONSULT A SPECIALIST BEFORE HANDLING
PRODUCT.

Ventilation:LOCAL EXHAUST OR OTHER ENGINEERING CONTROLS TO KEEP BELOW
RECOMMENDED LIMITS. IF DUST, FUMES, MIST GENERATED USE VENTILATION
TO KEEP BELOW LIMITS.

Protective Gloves:RECOMMENDED.

Eye Protection:SPLASH GOGGLES.

Other Protective Equipment:LAB COAT, DUST RESPIRATOR. FOR LARGE SPILLS:
SPLASH GOGGLES, FULL SUIT, SELF CONTAINED BREATHING APPARATUS

Work Hygienic Practices:NO DATA PROVIDED BY RESPONSIBLE PARTY.

Supplemental Safety and Health

N/AV=NOT AVAILABLE.

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

HCC:D1

Boiling Pt:B.P. Text:NOT AVAILABLE

Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES

Vapor Density:7.9

Spec Gravity:1.

98

Solubility in Water:SOLUBLE

Appearance and Odor:SOLID. ODOR, TASTE, COLOR NOT AVAILABLE

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

Stability Indicator/Materials to Avoid:YES

NOT AVAILABLE..

Stability Condition to Avoid:NOT AVAILABLE.

Hazardous Decomposition Products:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Toxicological Information =====

Toxicological Information:ROUTES OF ENTRY: EYES, INHALATION, INGESTION.

CHRONIC EFFECTS: TO

XIC TO LUNGS & MUCOUS MEMBRANES. VERY HAZARDOUS
IN CASE OF SKIN CONTACT, INGESTION, INHALATION. CORROSIVE TO SKIN.
DATA ON CARCINOGENIC , MUTAGENIC, TERATOGENIC EFFECTS AND
DEVELOPMENTAL TOXICITY NOT AVAILABLE.

===== Ecological Information =====

Ecological:PRODUCTS OF BIODEGERATION: POSSIBLY HAZARDOUS SHORT TERM
DEGREATION PRODUCTS ARE NOT LIKELY. HOWEVER, LONG TERM DEGREATION
PRODUCTS MAY ARISE. HOWEVER, PRODUCTS OF DEGREATION ARE MORE
TOXIC.

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

Waste Disposal Methods:RECYCLE TO PROCESS IF POSSIBLE. CONSULT YOUR
LOCAL OR REGIONAL AUTHORITIES.

===== MSDS Transport Information =====

Transport Information:DOT: AMMONIUM PERSULFATE, UN1444, PG III,
OXIDIZER LABEL.

===== Regulatory Information =====

Federal Regulatory Information:ON TSCA INVENTORY. TSCA 8(B) INVENTORY:
AMMONIUM PERSUL
FATE. OSHA: HAZARDOUS BY DEFINITION OF HAZARD
COMMUNICATION STANDARD (29 CFR 1910.1200).
State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

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 accu
rate 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.