

SPECTRUM CHEMICAL MFG. CORP. -- AMMONIUM CHLORIDE -- 6810-00-951-3072

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

Product ID:AMMONIUM CHLORIDE

MSDS Date:06/23/1999

FSC:6810

NIIN:00-951-3072

Status Code:A

MSDS Number: CKPVB

=== 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 Ph

one Num:310-516-8000

Resp. Party Other MSDS Num.:A50 20

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-SD37

CAGE:1ELU0

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: 310-51

6-9843
CAGE:63415

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

Ingred Name:AMMONIUM CHLORIDE
CAS:12125-02-9
RTECS #:BP4550000
= Wt:100.
ACGIH TLV:10 MG/M3
ACGIH STEL:20 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 1650 MG/KG (RAT)
Health Hazards Acute and Chronic:HAZARDOUS IN CASE OF SKIN
CONTACT(IRRITANT), OF EYE CONTACT (IRRITANT), OF INHALATION.
SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (SENSITIZER), OF
INGESTION.
Explanation of Carcinogenicity:NOT AVAILABLE
Effects of Overexposure:IRRITANT AND SENSITIZER
Medical Cond Aggravated by Exposure:REPEATED OR PROLONGED EXPOSURE IS
NOT KNOWN TO AGGRAVATE MEDICAL CONDITION.

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

First Aid:EYE: REMOVE ANY CONTACT LENSES. IMMEDIATELY FLUSH WITH WATER
FOR AT LEAST 15 MINUTES, KEEPING LIDS OPEN. DO NOT USE EYE
OINTMENT. SEEK MEDICAL ATTENTION.
SKIN: WASH IMMEDIATELY WITH
PLENTY OF WATER. GENTLY & THOROUGHLY WASH THE CONTAMINATED SKIN
WITH WATER & NON-ABRASIVE SOAP. COVER THE IRRITATED SKIN WITH AN
EMOLIENT. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.
INHALATION: ALLOW VICTIM TO REST IN WELL VENTILATED AREA. SEEK
MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. LOOSEN
CLOTHING. IF PERSON NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.
SEEK MEDICAL ATTENTION.

=====
Fire
=====

Fighting Measures =====

Extinguishing Media:NOT APPLICABLE.

Fire Fighting Procedures:KEEP CONTAINER TIGHTLY CLOSED.

Unusual Fire/Explosion Hazard:NOT AVAILABLE.

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

Spill Release Procedures:USE APPROPRIATE TOOLS TO PUT THE SPILLED SOLID IN A CONVENIENT WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE AND DISPOSE OF ACCORDING TO LOCAL AND REGIONAL AUTHORITY REQUIREMENTS.

LARGE: USE

A SHOVEL TO PUT MATERIAL INTO A CONVENIENT WASTE DISPOSAL CONTAINER. BE CAREFUL THAT THE PRODUCT IS NOT PRESENT AT A CONCENTRATION ABOVE TLV.

Neutralizing Agent:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Handling and Storage Precautions:DO NOT INGEST. DO NOT BREATHE DUST.

WEAR SUITABLE PROTECTIVE CLOTHING IN CASE OF INSUFFICIENT VENTILATION, WEAR SUITABLE RESPIRATORY EQUIPMENT. IF INGESTED,

SEEK

MEDICAL ADVICE IMMEDIATELY AND SHOW THE CONTAINER OR LABEL. AVOID CONTACT WITH SKIN AND EYES. KEEP AWAY FROM INCOMPATIBLES SUCH AS ALKALIS

Other Precautions:NO SPECIFIC STORAGE IS REQUIRED. USE SHELVES OR CABINETS STURDY ENOUGH TO BEAR THE WEIGHT OF THE CHEMICALS. BE SURE THAT IT IS NOT NECESSARY TO STRAIN TO REACH MATERIALS; AND THAT SHELVES ARE NOT OVER LOADED.

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

Respiratory Protection:A SELF

CONTAINED BREATHING APPARATUS SHOULD BE USED TO AVOID INHALATION OF THE PRODUCT.

Ventilation:USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO KEEP AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS.

Protective Gloves:YES

Eye Protection:SPLASH GOGGLES

Other Protective Equipment:LAB COAT, DUST RESPIRATOR, BOOTS, GLOVES, FULL SUIT

Work Hygienic Practices:SUGGESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT CONSULT A SPECIALIST BEFORE HANDLING THEM

IS PRODUCT.

CONSULT LOCAL AUTHORITIES FOR ACCEPTABLE EXPOSURE LIMITS.

Supplemental Safety and Health

SPECTRUM CODE: A5020.

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

HCC:N1

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

Spec Gravity:1.53

pH:7 (NEUTRAL)

Solubility in Water:SOLUBLE IN H2O

Appearance and Odor:WHITE, SALINE, ASTRINGENT (SLIGHT); NO TASTE. SOLID CRYSTALLINE POWDER.

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

Stability Indicator/Mate

rials to Avoid:YES

REACTIVE WITH ALKALIS. SLIGHTLY REACTIVE TO REACTIVE WITH METALS, ACIDS.

Stability Condition to Avoid:NOT AVAILABLE.

Hazardous Decomposition Products:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Toxicological Information:ROUTES OF ENTRY: EYE CONTACT, INHALATION.

ACUTE ORAL TOXICITY LD50: 1650 MG/KG (RAT). CHRONIC EFFECTS ON

HUMANS: NOT AVAILBLE. OTHER TOXIC EFFECTS ON HUMANS: HAZARDOUS IN CASE OF SK

IN CONTACT (IRRITAN T), OF INHALATION. SLIGHTLY HAZARDOUS IN CASE OF SKIN CONTACT (SENSITIZER), INGESTION.

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

Ecological:ECOTOXICITY: NOT AVAILABLE. BOD5 & COD: NOT AVAILABLE.

PRODUCTS OF BIODEGRADATION: POSSIBLY HAZARDOUS SHORT TERM

DEGRADATION PRODUCTS ARE NOT LIKELY. HOWEVER, LONG TERM DEGRADATION PRODUCTS MAY ARISE. TOXICITY OF PRODUCTS OF BIODEGRADATION: THE

PRODUCTS OF BIODEGADATION ARE MORE TOXIC. SPE

ADDITIONAL REMARKS ON THE
PRODUCTS ON THE PRODUCTS OF BIODEGRADATION: NOT AVAILABLE.

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

Waste Disposal Methods:RECYCLE TO PROCESS, IF POSSIBLE. CONSULT YOUR
LOCAL AND REGIONAL AUTHORITY AUTHORITIES.

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

Transport Information:NOT A US DOT CONTROLLED MATERIAL.

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

SARA Title III Information:NO DATA
PROVIDED BY RESPONSIBLE PARTY.
Federal Regulatory Information:TSCA 8(B) INVENTORY: AMMONIUM CHLORIDE.
CERCLA HAZARDOUS SUBSTANCES: AMMONIUM CHLORIDE.
State Regulatory Information:NOT AVAILABLE.

===== 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 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.