

VAN WATERS AND ROGERS -- AMMONIUM CHLORIDE -- 6810-00-281-2033

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Product Identification  
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Product ID:AMMONIUM CHLORIDE

MSDS Date:11/20/1992

FSC:6810

NIIN:00-281-2033

MSDS Number: BHWSP

=== Responsible Party ===

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Info Phone Num:206-447-5911 OR 714-864-2310

Emergency Phone Num:408-435-8700

OR 714-864-2310

CAGE:0AN91

=== Contractor Identification ===

Company Name:CHEMICAL COMMODITIES AGENCY, INC.

Address:27447 PACIFIC STREET

Box:City:HIGHLAND

State:CA

ZIP:92346-2640

Country:US

Phone:909-864-2310

CAGE:60777

Company Name:VAN WATERS AND ROGERS

Address:2256 JUNCTION AVE

City:SAN JOSE

State:CA

ZIP:95131

Country:US

Phone:408-435-8700/800-424-9300(CHEMTREC)

CAGE:0AN91

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Composition/Information on Ingredients  
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Ingred Name:AMMONIUM CHLORIDE (SARA III)

CAS:1212

5-02-9  
RTECS #:BP4550000  
Fraction by Wt: >99%  
OSHA PEL:10 MG/M3/20 STEL  
ACGIH TLV:10 MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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Hazards Identification  
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LD50 LC50 Mixture:ORAL RAT LD50 IS 1.65 GM/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:AMMONIUM CHLORIDE IS IRRITATING TO  
BODY TISSUES. DUSTS WILL IRRITATE THE UPPER RESPIRATORY  
TRACT  
CAUSING COUGHING.  
Explanation of Carcinogenicity:AMMONIUM CHLORIDE IS NOT LISTED AS A  
CARCINOGEN BY IARC, NTP, OR OSHA.  
Effects of Overexposure:EYE:IRRITATION. SKIN:IRRITATION,POSSIBLE  
DERMATITIS. INHALED;RESPIRATORY IRRITATION,COUGHING,CHOKING,LARGE  
QUANTITIES MAY BE TOXIC. INGESTED:IRRITATION OF MOUTH & THROAT.  
SUFFICIENT QUANTITY WILL PRODUCE NAUSEA,VOMITING,ACIDOSIS.  
Medical Cond Aggravated by Exposure:NONE GIVEN BY MANUFACTURER.

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First  
Aid Measures  
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First Aid:EYE:FLUSH W/WATER 15 MIN, HOLD LIDS OPEN. SKIN:WASH WITH  
SOAP & WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE  
REUSE. INHALED:REMOVE TO FRESH AIR. RESTORE BREATHING IF  
NECESSARY. INGESTED:DO NOT INDUCE VOMITING. GIVE 2 LARGE GLASSES  
OF MILK OR WATER AND GET IMMEDIATE MEDICAL CARE. GIVE NOTHING BY  
MOUTH IF UNCONSCIOUS. IF IRRITATION PERSISTS OR IS SEVERE,SEE A  
DOCTOR.

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Fire Fighting Measures  
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Flash Point:NON-FLAMMABLE  
Extinguishing Media:PRODUCT IS NON FLAMMABLE. EXTINGUISH FIRE WITH  
MEDIA APPROPRIATE FOR SOURCE OF FIRE.  
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &  
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE.  
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE  
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

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Accidental Release Measures  
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Spill Release Procedure

res:SWEEP,VACUUM OR OTHERWISE COLLECT, BEING  
CAREFUL NOT TO RAISE DUST.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL,DRY AREA,PROTECTED  
FROM MOISTURE.

Other Precautions:NONE

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

Respiratory Protection:RESPIRATOR WILL NOT NORMALLY BE NECESSARY. USE  
NIOSH/MSHA APPROVED AIR SUPPLIED RESPIRATOR OR RESPIRATOR FOR  
DUST/MIST

IF EXPOSURE IS ABOVE THE TLV/PEL. SEE 29 CFR 1910.134 FOR  
REGULATIONS PERTAINING TO RESPIRATOR USE.

Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT. SUPPLEMENT WITH  
LOCAL EXHAUST IF PEL/TLV IS EXCEEDED.

Protective Gloves:SAFETY GLASSES OR SPLASH GOGGLES

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:SAFETY SHOWER AND EYE WASH STATION, WORK  
CLOTHING TO PROTECT AGAINST SKIN CONTACT.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID  
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NNECESSARY CONTACT.

Supplemental Safety and Health

MFR PRODUCT CODE = T1048.

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

HCC:N1

Boiling Pt:B.P. Text:968F,520C

Melt/Freeze Pt:M.P/F.P Text:653F,345C

Decomp Temp:Decomp Text:644F,340C

Vapor Pres: