

GENERAL CHEMICAL CORP -- AMMONIUM CHLORIDE (SAL AMMONIAC) -- 6810-00-951-3072

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Product Identification
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Product ID:AMMONIUM CHLORIDE (SAL AMMONIAC)

MSDS Date:09/01/1986

FSC:6810

NIIN:00-951-3072

MSDS Number: BQYJN

=== Responsible Party ===

Company Name:GENERAL CHEMICAL CORP

Address:90 E HALSEY RD

Box:395

City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Info Phone Num:800-631-8050

Emergency

Phone Num:800-631-8050

Preparer's Name:MANAGER OF PRODUCT SAFETY

CAGE:0AU44

=== Contractor Identification ===

Company Name:ALLIED-SIGNAL INC

Box:2332R

City:MORRISTOWN

State:NJ

ZIP:07962-2332

Country:US

Phone:201-455-4414

CAGE:1L164

Company Name:GENERAL CHEMICAL CORPORATION

Address:90 EAST HALSEY ROAD

Box:City:PARSIPPANY

State:NJ

ZIP:07054

Country:US

Phone:973-515-1840

CAGE:0AU44

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

CAS:1

2125-02-9
RTECS #:BP4550000
Fraction by Wt: 100%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:10 MG/M3/20 STEL
ACGIH TLV:10 MG/M3 FUME; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 1650 MG/KG
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: INHALATION MAY CAUSE
RESPIRATORY IRRITATION. CO
NTACT MAY CAUSE SKIN AND EYE IRRITATION.
INGESTION MAY CAUSE GI TRACT IRRITATION. CHRONIC: PROLONGED OR
REPEATED CONTACT MAY CAUSE SKIN IRRITATION .
Explanation of Carcinogenicity:AMMONIUM CHLORIDE IS NOT LISTED BY NTP,
IARC OR OSHA AS A CARCINOGEN.
Effects of Overexposure:INHALED: COUGHING, WHEEZING, SNEEZING,
SHORTNESS OF BREATH. EYES: REDNESS, TEARING, DISCOMFORT. SKIN:
REDNESS, DISCOMFORT. INGESTED: NAUSEA, VOMITNG, DIARRHEA.
Medical Cond Aggravated by Exposure:NONE SPECI
FIED BY MANUFACTURER.

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

First Aid:INHALED: MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS
PERSIST. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. GET MEDICAL
ATTENTION. SKIN: WASH WITH SOAP AND WATER. INGESTED: IF CONSCIOUS,
DRI NK LOTS OF WATER. DO NOT INDUCE VOMITING! GET MEDICAL
ATTENTION.

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

Flash Point:NONE
Extinguishing Media:MEDIA A
PPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:DECOMPOSES AT 340F TO FORM TOXIC AND
CORROSIVE AMMONIA AND HYDROGEN CHLORIDE GAS.

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

Spill Release Procedures:SHOVEL SPILLED DRY CHEMICAL AINTO CONTAINER
AND THEN COVER, THEN FLUSH SPILL AREA WITH WATER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL-VENTILATED AREA AWAY FROM STRONG MINERAL ACIDS, STRONG ALKALIS, NITRITES AND NITRATES.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR EMERGENCY OCCURS; USE NIOSH/MSHA APPROVED RESPIRATOR OR SUPPLIED AIR RESPIRATOR OR SCB A, AS REQUIRED. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:USE LOCAL EXHAUST IF DUSTY CONDITIONS OCCUR IN ORDER TO MAINTAIN EXPOSURE BELOW REGULATORY LIMITS.

Protective Gloves:RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:HARD HAT IF JOB SITE/CONDITIONS REQUIRE.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health

==== Physical/Chemical

Properties =====

HCC:N1

Boiling Pt:B.P. Text:NONE

Decomp Temp:Decomp Text:340F,171C

Spec Gravity:1.529 (WATER=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE ODORLESS CRYSTALS

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

Stability Indicator/Materials to Avoid:YES

STRONG MINERAL ACIDS, STRONG ALKALIS, NITRITES

Stability Condition to Avoid:TEMPERATURES ABOVE 330F. CONTACT WITH STRONG ALKALIS, STRONG MINERAL ACIDS, AND NITRITES.

Hazardous De

composition Products:AMMONIA AND HYDROGEN CHLORIDE GAS

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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