

FISHER SCIENTIFIC CO CHEMICAL DIV. -- AMMONIUM CARBONATE -- 6810-00-234-8358

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Product Identification
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Product ID:AMMONIUM CARBONATE

MSDS Date:01/01/1987

FSC:6810

NIIN:00-234-8358

MSDS Number: BLZFB

=== Responsible Party ===

Company Name:FISHER SCIENTIFIC CO CHEMICAL DIV.

Address:1 REAGENT LANE

City:FAIR LAWN

State:NJ

ZIP:07410

Country:US

Info Phone Num:201-796-7100

Emergency Phone Num:20

1-796-7100 OR 201-796-7523

CAGE:1B464

=== Contractor Identification ===

Company Name:FISHER SCIENTIFIC CO

Address:2000 PARK LN

Box:City:PITTSBURGH

State:PA

ZIP:15275

Country:US

Phone:412-490-8586

CAGE:22527

Company Name:FISHER SCIENTIFIC CO. CHEMICAL MFG DIV

Address:1 REAGENT LANE

Box:City:FAIRLAWN

State:NJ

ZIP:07410-2802

Country:US

Phone:201-796-7100

CAGE:1B464

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Composition/Information on Ingredients
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Ingred Name:AMMONIUM CARBONATE

CAS:506-87-6

RTECS #:BP1925000

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reaction by Wt: 100%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:50 PPM (AMMONIA)
ACGIH TLV:25PPM(AMMONIA)
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:(MOUSE,INTRAVENOUS) 96 MG/KG
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:DUST MAY CAUSE IRRITATION TO THE EYES
AND SKIN. INHALATION OF DUST MAY CAUSE PULMONARY TRACT PROBLEMS.
INGESTION:NAUSEA,VOMITING, GASTROI
NTESTINAL PERFORATION. CHRONIC-NO
DATA AVAILABLE.
Effects of Overexposure:DUST MAY CAUSE IRRITATION, COUGHING.
INGESTION:NAUSEA, VOMITING. SKIN/EYES:IRRITATION, REDNESS AND PAIN.
Medical Cond Aggravated by Exposure:NONE KNOWN

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

First Aid:FIRST AID-INHALATION OF DUST, REMOVE TO FRESH AIR. EYE
CONTACT: FLUSH WITH WATER FOR 15 MINUTES. IF REDNESS OR IRRITATION
PERSIST CONTACT A DOCTOR. SKIN:WASH WITH SOAP AND WATER
. INGESTION:
CONSULT A DOCTOR.

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

Flash Point:NONE
Extinguishing Media:EXTINGUISH W. AGENT SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT WITH SELF CONTD
BRTHG APP.
Unusual Fire/Explosion Hazard:NOT CONSIDERED TO BE AN EXPLOSION HAZARD.

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

Spill Release Procedures:VENTILATE AREA OF SPILL.CLEAN UP PERSONS NEED
PR

OTCTIVE CLOTHG/RESP PROTCTION FOR DUST. PICK UP SPILL & PLACE IN
A SUITABLE CONTAINER FOR RECLAMATION OR DISPOSAL IN A METHOD THAT
DOES NOT GENERATE DUS T.

Neutralizing Agent:DILUTE SOLUTION OF VINEGAR

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Handling and Storage
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Handling and Storage Precautions:KEEP IN TIGHTLY CLOSED CONTNRS AT
COOL, DRY, VENTILATED PLACE. PROTECT AGAINST PHYSICAL DAMAGE; STORE
AT TEMP BELOW 80F(27C) TO MINIMIZE DECOMPOSTION.

Other Precautions:AVOID BREATH

IGN DUST. USE W/ADEQUATE VENTILATION. KEEP

CONTAINRS CLOSED. WASH THOROUGHLY AFTER HANDLING. AVOID SKIN, EYES &
CLOTHING CONTACT.

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Exposure Controls/Personal Protection
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Respiratory Protection:CHEMICAL CARTRIDGE RESPIRATOR.

Ventilation:LOCAL EXHAUST TO MAINTN BELOW TLV.

Protective Gloves:IMPERVIOUS

Eye Protection:GOGGLES/FACE SHIELD

Other Protective Equipment:FULL PROTECTIVE CLOTHING, SAFETY SHOWER, EYE
WASH STATION

Work Hygienic Practices:DO NOT EAT, DRINK OR
SMOKE

Supplemental Safety and Health

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Physical/Chemical Properties
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HCC:N1

NRC/State Lic Num:NOT RELEVANT

Melt/Freeze Pt:=-57.8C, 136.F

Spec Gravity:1.5

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS CRYSTAL OR WHITE POWDER WITH STRONG
AMMONIA ODOR

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Stability and Reactivity Data
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Stability Indicator/Materials to Avoid:NO

ACIDS, ACID SALT, NITRATES/NITRITES AND OTHER CORROSIVE MATL.

Stability Condition to A

void:UNSTABLE IN AIR.CONVERTS TO BICARBONATE
GIVING AMMONIA GAS.

Hazardous Decomposition Products:TOXIC FUMES OF AMMONIA,& CO*2 WHEN
HEATED TO DECOMPOSE

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

Waste Disposal Methods:WHATEVER CANNOT BE SAVED FOR
RECLAMATION,RECOMMEND DISPOSE OF IN A RCRA APPROVED HAZARDOUS WASTE
FACILITY.ENSURE COMPLIANCE WITH LOCAL,STATE & FEDERAL REGULATIONS.
CWA/CERCLA RQ:5000 LBS.

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