

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

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

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

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

Ingred Name:AMMONIUM CARBONATE

CAS:506-87-6

RTECS #:BP1925000

F

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

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

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.

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

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

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

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

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

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.

Disclaimer (provided with this information b
y 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.