

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:2

01-796-7100 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

Fraction 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

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===== 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, GASTRO  
INTESTINAL 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

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===== 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 WATE  
R. INGESTION:  
CONSULT A DOCTOR.

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===== 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.

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

Spill Release Procedures:VENTILATE AREA OF SPILL.CLEAN UP PERSONS NEED  
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ROTCTIVE 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 BREAT  
HIGH 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

Avoid: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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