

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 6810
NIIN: 010444218
Manufacturer's CAGE: 4A444
Part No. Indicator: A
Part Number/Trade Name: MERCURIC NITRATE SOLUTIONS

=====

General Information

=====

Item Name: MERCURIC NITRATE SOLUTIONS
Company's Name: ANACHEMIA CHEMICALS INC
Company's Street: 3 LINCOLN BLVD
Company's P. O. Box:
Company's City: ROUSES POINT
Company's State: NY
Company's Country: US
Company's Zip Code: 12979
Company's Emerg Ph #: 800-424-9300
Company's Info Ph #: 518-297-4444
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: N
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 004
Status: SMJ
Date MSDS Prepared: 23AUG89
Safety Data Review Date: 12APR97
Supply Item Manager: N35
MSDS Preparer's Name: A SEYMOUR
Preparer's Company: SAME
Preparer's St Or P. O. Box:
Preparer's City:
Preparer's State:
Preparer's Zip Code:
Other MSDS Number:
MSDS Serial Number: BJRQT
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code: T3
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

Report for NIIN: 010444218

NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

=====

Ingredients/Identity Information

=====

Proprietary: NO
 Ingredient: MERCURIC NITRATE
 Ingredient Sequence Number: 01
 Percent: <4.6
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: 1003923MN
 CAS Number: 7783-34-8
 OSHA PEL: 100 UG/M3 (HG)
 ACGIH TLV: 100 UG/M3 (HG)
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: NITRIC ACID (SARA III)
 Ingredient Sequence Number: 02
 Percent: <1
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: QU5775000
 CAS Number: 7697-37-2
 OSHA PEL: 2 PPM/4 STEL
 ACGIH TLV: 2 PPM/4 STEL; 9192
 Other Recommended Limit: N/K

Proprietary: NO
 Ingredient: WATER
 Ingredient Sequence Number: 03
 Percent: BALANCE
 Ingredient Action Code:
 Ingredient Focal Point: N
 NIOSH (RTECS) Number: ZC0110000
 CAS Number: 7732-18-5
 OSHA PEL: NOT APPLICABLE
 ACGIH TLV: NOT APPLICABLE
 Other Recommended Limit: N/K

=====

Physical/Chemical Characteristics

=====

Appearance And Odor: WATER-WHITE ODORLESS LIQUID
 Boiling Point: N/A
 Melting Point: N/A
 Vapor Pressure (MM Hg/70 F): N/A
 Vapor Density (Air=1): N/A
 Specific Gravity: N/A
 Decomposition Temperature: N/K
 Evaporation Rate And Ref: NOT APPLICABLE

Report for NIIN: 010444218

Solubility In Water: COMPLETE
 Percent Volatiles By Volume: N/K
 Viscosity:
 pH: ACIDIC
 Radioactivity:
 Form (Radioactive Matl):
 Magnetism (Milligauss): N/P
 Corrosion Rate (IPY): N/K
 Autoignition Temperature:

=====

Fire and Explosion Hazard Data

=====
Flash Point: NOT APPLICABLE
Flash Point Method: N/P
Lower Explosive Limit: N/A
Upper Explosive Limit: N/A
Extinguishing Media: USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING
FIRE CONDITIONS.
Special Fire Fighting Proc: USE NIOSH/MSHA SCBA WITH A FULL FACEPIECE
OPERATED IN A PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE.
Unusual Fire And Expl Hazrds: OXIDIZING MATERIAL CONTRIBUTES TO COMBUSTION
OF OTHER MATERIALS. AVOID RUN-OFF TO WATERWAYS AND SEWERS. AVOID
CONTAMINATION OF WATER SUPPLIES.
=====

Reactivity Data

=====
Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MANUFACTURER.
Materials To Avoid: ACETYLENE, ETHANOL, PHOSPHINE, HYPOPHOSPHORIC ACID,
SULFUR, UNSATURATES, AROMATICS, NA*2, CO*3.
Hazardous Decomp Products: TOXIC FUMES OF MERCURY AND NO*X ON THERMAL
DECOMPOSITION.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT
=====

Health Hazard Data

=====
LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: NO
Health Haz Acute And Chronic: EYES:CAUSES IRRITATION. MAY CAUSE SEVERE
BURNS AND LOSS OF VISION. SKIN:CAUSES SKIN IRRITATION. READILY ABSORBED.
INHAL:MAY CAUSE RESPIRATORY TRACT INFLAMMATION. INGEST:SEVERE NAUSEA,
ABDOMINAL PAIN, BLOODY DIARRHEA, KIDNEY DAMAGE, DEATH. CHRONIC:CNS
DISTURBANCES, MUSCLE TREMORS, LOSS OF MEMORY, (SEE EFTS OF OVEREXP)
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NOT RELEVANT
Signs/Symptoms Of Overexp: HLTH HAZ:IRRITABILITY, DEPRESSION, INSOMNIA,
GUM DISEASE, POSSIBLE IRRATIONALITY OR INSANITY. SYMPTOMS DISAPPEAR WITH
TIME AFTER EXPOSURE CEASES.
=====

Report for NIIN: 010444218

Med Cond Aggravated By Exp: NONE SPECIFIED BY MANUFACTURER.
Emergency/First Aid Proc: EYES:WASH EYES WITH COPIOUS QTY OF WATER FOR AT
LEAST 15 MIN. GET MD. SKIN:WASH SKIN WITH SOAP AND WATER. IF IRRIT OCCURS
OR PERSISTS SEEK MED ATTN. INHAL:REMOVE PATIENT TO FRESH AIR. ADMINISTER
APPRVD OXYGEN SUPPLY IF BRTHG IS DFCLT. ADMINISTER ARTF RESP OR CPR IF
BRTHG HAS CEASED. CALL MD. INGEST:KEEP PATIENT WARM AND QUIET. GIVE LARGE
QUANTITY OF WATER TO DILUTE. INDUCE VOMIT. GET MD.
=====

Precautions for Safe Handling and Use

=====
Steps If Matl Released/Spill: ABSORB ON SAND OR VERMICULITE AND PLACE IN A
CLOSED CONTAINER FOR DISPOSAL. WEAR NIOSH/MSHA APPROVED SCBA, RUBBER BOOTS
AND HEAVY RUBBER GLOVES.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Method: ACCORDING TO ALL APPLICABLE REGULATIONS.
Precautions-Handling/Storing: DO NOT WASH DOWN THE DRAIN. DO NOT STORE IN
=====

DIRECT SUNLIGHT. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. IN ACCORDANCE WITH GOOD (SEE OTHER PRECAU)

Other Precautions: HNDLG/STOR PREC:STORAGE AND HANDLING PRACTICES. DO NOT ALLOW SMOKING AND FOOD CONSUMPTION WHILE HANDLING.

Control Measures

Respiratory Protection: WEAR NIOSH/MSHA APPROVED CHEMICAL CARTRIDGE RESPIRATOR. USE ADEQUATE VENTILATION.

Ventilation: USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves: NEOPRENE OR POLYETHYLENE GLOVES.

Eye Protection: CHEMICAL WORKERS GOGGLES (FP N).

Other Protective Equipment: MAKE EYE BATH AND EMERGENCY SHOWER AVAILABLE.

Work Hygienic Practices: WASH HANDS FREQUENTLY AND THOROUGHLY DURING CONTACT WITH MATERIAL AND AT END OF WORKDAY (FP N).

Suppl. Safety & Health Data: NONE SPECIFIED BY MANUFACTURER.

Transportation Data

Transportation Action Code:

Transportation Focal Point: N

Trans Data Review Date: 91098

DOT PSN Code: IVB

DOT Symbol:

DOT Proper Shipping Name: MERCURIC NITRATE

DOT Class: 6.1

DOT ID Number: UN1625

DOT Pack Group: II

DOT Label: POISON

DOT/DoD Exemption Number:

IMO PSN Code:

IMO Proper Shipping Name:

IMO Regulations Page Number:

IMO UN Number:

IMO UN Class:

IMO Subsidiary Risk Label:

IATA PSN Code: PWH

Report for NIIN: 010444218

IATA UN ID Number: 1625

IATA Proper Shipping Name: MERCURIC NITRATE

IATA UN Class: 6.1

IATA Subsidiary Risk Class:

IATA Label: TOXIC

AFI PSN Code: PWH

AFI Symbols:

AFI Prop. Shipping Name: MERCURIC NITRATE

AFI Class: 6.1

AFI ID Number: UN1625

AFI Pack Group: II

AFI Label:

AFI Special Prov: N73

AFI Basic Pac Ref: 10-12

MMAC Code:

N.O.S. Shipping Name:

Additional Trans Data:

Disposal Data

Disposal Data Action Code:

Disposal Data Focal Point:
 Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

=====
 Label Data
 =====

Label Required: YES
 Technical Review Date: 06FEB91
 Label Date:
 MFR Label Number:
 Label Status: F
 Common Name: MERCURIC NITRATE SOLUTIONS
 Chronic Hazard: YES
 Signal Word: DANGER!
 Acute Health Hazard-None:
 Acute Health Hazard-Slight:
 Acute Health Hazard-Moderate:

Report for NIIN: 010444218

Acute Health Hazard-Severe: X
 Contact Hazard-None:
 Contact Hazard-Slight:
 Contact Hazard-Moderate:
 Contact Hazard-Severe: X
 Fire Hazard-None: X
 Fire Hazard-Slight:
 Fire Hazard-Moderate:
 Fire Hazard-Severe:
 Reactivity Hazard-None: X
 Reactivity Hazard-Slight:
 Reactivity Hazard-Moderate:
 Reactivity Hazard-Severe:
 Special Hazard Precautions: ACUTE: EYES: MAY CAUSE IRRITATION, SEVERE
 BURNS & LOSS OF VISION. SKIN: CAUSES SKIN IRRITATION. READILY ABSORBED
 THROUGH SKIN. INHAL: MAY CAUSE RESPIRATORY TRACT IRRITATION. INGESTION:
 SEVERE NAUSEA, ABDOMINAL PAIN, BLOODY DIARRHEA, KIDNEY DAMAGE, DEATH.
 CHRONIC: CENTRAL NERVOUS SYSTEM DISTURBANCES, MUSCLE TREMORS, LOSS OF
 MEMORY, IRRITABILITY, DEPRESSION, INSOMNIA, GUM DISEASE, POSSIBLE
 IRRATIONALITY OR INSANITY.
 Protect Eye: Y
 Protect Skin: Y
 Protect Respiratory: Y
 Label Name: ANACHEMIA CHEMICALS INC
 Label Street: 3 LINCOLN BLVD
 Label P.O. Box:

Label City: ROUSES POINT
Label State: NY
Label Zip Code: 12979
Label Country: US
Label Emergency Number: 800-424-9300
Year Procured: