

ALDRICH CHEMICAL INC -- GUANIDINE NITRATE, 98%, 23424-9

MSDS Safety Information

FSC: 6810
MSDS Date: 10/12/1995
MSDS Num: BZQPK
LIIN: 00N069486
Product ID: GUANIDINE NITRATE, 98%, 23424-9
MFN: 01
Responsible Party
Cage: 60928
Name: ALDRICH CHEMICAL CO INC
Box: 355
City: MILWAUKEE WI 53201
Info Phone Number: 414-273-3850
Emergency Phone Number: 414-273-3850
Published: Y

Contractor Summary

Cage: 60928
Name: ALDRICH CHEMICAL CO., INC.
Address: 1001 WEST ST PAUL
Box: 355
City: MILWAUKEE WI 53233
Phone: 414-273-3850

Ingredients

Cas: 506-93-4
RTECS #: MF4350000
Name: GUANIDINE, MONONITRATE; (GUANIDINE NITRATE)
OSHA PEL: N/K (FP N)
ACGIH TLV: N/K (FP N)

Health Hazards Data

LD50 LC50 Mixture: LD50:(ORAL,RAT) 730 MG/KG.
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO

Effects of Exposure: ACUTE:HARMFUL IF SWALLOWED. MAY BE HARMFUL IF INHALED. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSES EYE & SKIN IRRITATION. MATERIAL IS IRRITATING TO MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT. TO THE BEST OF MFR'S KNOWLEDGE, THE CHEMICAL, PHYSICAL & TOXICOLOGICAL PROPERTIES HAVE NOT BEEN (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT

Signs And Symptions Of Overexposure: HLTH HAZ:THOROUGHLY INVESTIGATED. TARGET ORGAN DATA:BEHAVIORAL (ALTERED SLEEP TIME; EXCITEMENT; CHANGE IN MOTOR ACTIVITY; MUSCLE CONTRACTION OR SPASTICITY; IRRITABILITY). SKIN & APPENDAGES (AFTER SYSTEMIC EXPOSURE: DERMATITIS, OTHER).

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES:IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN:IMMEDIATELY WASH W/SOAP & COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. WASH CONTAMINATED CLOTHING BEFORE REUSE. INHAL:REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGEST:WASH OUT MOUTH W/WATER PROVIDED PERSON IS CONSCIOUS. CALL MD.

Handling and Disposal

Spill Release Procedures: WEAR NIOSH/MSHA APPROVED SCBA, RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A BAG & HOLD FOR WASTE DISPOSAL. AVOID RAISING DUST. VENTILATE AREA & WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL. OBSERVE ALL FEDERAL, STATE & LOCAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions: DO NOT BREATHE DUST. DO NOT GET IN EYES, ON SKIN, ON CLOTHING. IRRITANT. HARMFUL SOLID. KEEP TIGHTLY CLOSED. STRONG OXIDIZER. STORE AWAY FROM HEAT.

Other Precautions: KEEP AWAY FROM COMBUSTIBLE MATERIALS, HEAT, SPARKS & OPEN FLAME. MAY EXPLODE WHEN HEATED. OXIDIZING. HARMFUL. CONTACTW/COMBUSTIBLE MATL MAY CAUSE FIRE. HEATING MAY CAUSE EXPLO. HARMFUL IFSWALLOWED. IRRIT TO EYES, RESP SYS & SKIN.

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Fire and Explosion Hazard Information
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Extinguishing Media: WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). STRONG OXIDIZER.

Unusual Fire/Explosion Hazard: MAY EXPLODE OR CAUSE FIRE. CONTACT W/OTHER MATERIAL MAY CAUSE FIRE.

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Control Measures
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Respiratory Protection: NIOSH/MSHA APPROVED RESPIRATOR.

Ventilation: MECHANICAL EXHAUST REQUIRED.

Protective Gloves: RUBBER GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N). WEAR SUITABLE PROTECTIVE CLOTHING.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health: NONE SPECIFIED BY MANUFACTURER.

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Physical/Chemical Properties
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M.P/F.P Text: >415F,>213C

Appearance and Odor: GRANULAR WHITE POWDER.

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: STORE AWAY FROM HEAT & DIRECT SUNLIGHT.

Materials To Avoid: STRONG OXIDIZING AGENTS. AVOID CONTACT W/METALS.

Hazardous Decomposition Products: TOXIC FUMES OF: CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN OXIDES.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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HAZCOM Label

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 Company Name: ALDRICH CHEMICAL CO., INC.
 Street: 1001 WEST ST PAUL
 PO Box: 355
 City: MILWAUKEE WI
 Zipcode: 53233
 Health Emergency Phone: 414-273-3850
 Label Required IND: Y
 Date Of Label Review: 04/10/1996
 Status Code: C
 Label Date: 04/10/1996
 Origination Code: G
 Eye Protection IND: YES
 Skin Protection IND: YES
 Signal Word: WARNING
 Respiratory Protection IND: YES
 Health Hazard: Moderate
 Contact Hazard: Slight
 Fire Hazard: None
 Reactivity Hazard: None
 Hazard And Precautions: ACUTE:HARMFUL IF SWALLOWED. MAY BE HARMFUL IF INHALED.
 MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CAUSES EYE & SKIN IRRITATION.
 MATERIAL IS IRRITATING TO MUCOUS MEMBRANES & UPPER RESPIRATORY TRACT.
 CHRONIC:NONE LISTED BY MANUFACTURER. TARGET ORGAN DATA:BEHAVIORAL, SKIN
 & APPENDAGES.

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