

LOS ANGELES CHEMICAL CO -- SODIUM NITRITE

MSDS Safety Information

FSC: 6810

NIIN: 00-270-3254

MSDS Date: 03/01/1995

MSDS Num: CDJPP

Product ID: SODIUM NITRITE

MFN: 01

Responsible Party

Cage: 75656

Name: LOS ANGELES CHEMICAL CO

Address: 4545 ARDINE STREET

Box: 1987

City: SOUTH GATE

CA 90280-2534

Info Phone Number: 213-583-4761 / FAX 213-773-0909

Emergency Phone Number: 213-583-4761/562-9500

Preparer's Name: B. MARTINEZ

Review Ind: Y

Published: Y

Contractor Summary

Cage: 75656

Name: LOS ANGELES CHEMICAL CO

Address: 4545 ARDINE ST

Box: 1987

City: SOUTH GATE CA 90280

Phone: 213-562-9500

Item Description Information

Item Manager: S9G

Item Name: SODIUM NITRITE,ACS

Specification Number: O-C-265C

Type/Grade/Class: NONE

Unit of Issue: BT

Quantitative Expression: 00000000005LB

UI Container Qty: 6

Type of Container: PLASTIC BOTTL

Ingredients

Cas: 7632-00-0

RTECS #: RA1225000

Name: SODIUM NITRITE (CERCLA)

% Wt: 100

Other REC Limits: NONE REC

RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
EPA Rpt Qty: 100 LBS
DOT Rpt Qty: 100 LBS

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Health Hazards Data

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LD50 LC50 Mixture: LD50 (ORAL, RAT) IS 85 MG/KG (RTECS).
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS.
ACUTE- EYE/SKIN/INHALATION:MAY CAUSE IRRITATION. ORAL:MAY CAUSE HEADACHE,
ABDOMINAL PAIN, VOMITING, CYANOSIS, LOW BLOOD PRESSURE. ONE GRAM HAS BEEN REPORTED TO BE AN ADULT FATAL DOSE. CAN BE ABSORBED THROUGH SKIN. USED AS A FOOD ADDITIVE. CHRONIC- UNKNOWN.
Explanation Of Carcinogenicity: NONE
Signs And Symptoms Of Overexposure: IRRITATION, WEAKNESS, FATIGUE, HEADACHE, ABDOMINAL PAIN, CONVULSIONS, COMA, NAUSEA, VOMITING, DIARRHEA
Medical Cond Aggravated By Exposure: UNKNOWN
First Aid: CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SEE PHYSICIAN. SKIN:FLUSH WITH WATER, THEN WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/ OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, RINSE MOUTH WITH WATER & DRINK 2-3 GLASSES OF WATER. INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY. NEVER GIVE FLUID/INDUCE VOMITING IF UNCONSCIOUS/HAS CONVULSION.

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Handling and Disposal

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Spill Release Procedures: WEAR SUITABLE PROTECTIVE EQUIPMENT. REMOVE COMBUSTIBLES AND ACIDS. IF FEASIBLE, RECOVER UNCONTAMINATED SALT FOR REUSE. AVOID MAKING DUST. COVER SPILL WITH SODA ASH; MOISTEN IT WITH WATER; COLLECT SLURRY FOR DISPOSAL. WASH RESIDUE WITH WATER.
Neutralizing Agent: SODA ASH, CALCIUM HYPOCHLORITE
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL LAWS. MIX SLURRY WITH WET SAND AND DISPOSE OF IN AN APPROVED

ED LANDFILL. OR,
CAREFULLY OXIDIZE TO SODIUM NITRATE WITH CALCIUM HYPOCHLORITE AND PLACE IN A
LANDFILL IF ALLOWED. EPA: D001. RQ: 100 LBS
Handling And Storage Precautions: STORE IN A DRY, VENTILATED PLACE AWAY FROM
INCOMPATIBLES. KEEP CONTAINER TIGHTLY CLOSED. DO NOT STORE ON WOOD FLOORS.
AVOID DUST ACCUMULATION.
Other Precautions: TOXIC AND OXIDIZER. AVOID CREATING DUST. DO NOT GET IN EYES,
ON SKIN OR ON CLOTHING. AVOID INHALATION OF DUST. KEEP OUT OF REACH OF
CHILDREN. OBEY HAZARD
WARNING LABEL. FOR LABORATORY USE ONLY. NOT FOR DRUG,
FOOD OR HOUSEHOLD USE.

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Fire and Explosion Hazard Information

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Flash Point Text: NONE
Lower Limits: NOT RELEVANT
Upper Limits: NOT RELEVANT
Extinguishing Media: FLOOD WITH WATER. COOL FIRE-EXPOSED CONTAINERS WITH WATER
SPRAY.
Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard: OXIDIZER. IT CAN PRESENT A DANGEROUS FIRE AND
EXPLOSION HAZARD AT ELEVATED TEMPERATURES (999F/537C).

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Control Measures

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Respiratory Protection: NONE SHOULD BE NEEDED IN NORMAL LABORATORY HANDLING. IF
DUSTY CONDITIONS PREVAIL, WORK IN A VENTILATION HOOD OR WEAR A NIOSH-APPROVED
DUST RESPIRATOR OR DUST MASK. IN EMERGENCY, WEAR NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS.
Ventilation: USE GENERAL VENTILATION IN STORAGE AND USE AREAS. USE LOCAL
EXHAUST WHERE DUSTY OR MISTY CONDITIONS OCCUR.
Protective Gloves: RUBBER, LATEX
Eye Protection: SAFETY GOGGLES/CHEMICAL SAFETY GLASSES
Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, PROTECTIVE
CLOTHING AND/OR UNIFORM
Work Hygienic Practices: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING AND AFTER HANDLING.

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Physical/Chemical Properties

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HCC: D1
NRC/State LIC No: NOT RELEVANT
M.P/F.P Text: UNKNOWN
Decomp Text: UNKNOWN
Spec Gravity: 2.16
PH: 9.0
Viscosity: NOT RELEVANT
Evaporation Rate & Reference: NOT RELEVANT
Solubility in Water: SOLUBLE
Appearance and Odor: WHITE TO PALE YELLOW CRYSTALS OR POWDER - ODORLESS
Corrosion Rate: UNKNOWN

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Reactivity Data

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Stability Indicator: YES
Stability Condition To Avoid: EXCESSIVE HEAT (TEMPERATURES ABOVE 608F/320C),
MOISTURE
Materials To Avoid: ORGANIC MATTER, CYANIDES, AMMONIUM SALTS, CELLULOSE, NA
THIOSULFATE. EXPLOSIVE IF MIXED WITH HYDRAZINE/LIQUID AMMONIA
Hazardous Decomposition Products: MAY FORM OXIDES OF NITROGEN.
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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Transportation Information

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Responsible Party Cage: 75656
Trans ID NO: 64366
Product ID: SODIUM NITRITE
MSDS Prepared Date: 03/01/1995
Review Date: 03/24/1997
MFN: 1
Radioactivity: NOT RELEVANT
Net Unit Weight: 5 LBS
Multiple KIT Nu

mber: 0
Review IND: Y
Unit Of Issue: BT
Container QTY: 6
Type Of Container: PLASTIC BOTTL
Additional Data: PROPER SHIPPING NAME, UN ID NUMBER, PACKAGING GROUP PER MSDS.

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Detail DOT Information

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DOT PSN Code: NIB
DOT Proper Shipping Name: SODIUM NITRITE
Hazard Class: 5.1
UN ID Num: UN1500
DOT Packaging Group: III
Label: OXIDIZER
Special Provision: A1,A29
Packaging Exception: 152
Non Bulk
Pack: 213
Bulk Pack: 240
Max Qty Pass: 25 KG
Max Qty Cargo: 100 KG
Vessel Stow Req: A
Water/Ship/Other Req: 56,58

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Detail IMO Information

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IMO PSN Code: NVF
IMO Proper Shipping Name: SODIUM NITRITE
IMDG Page Number: 5181
UN Number: 1500
UN Hazard Class: 5.1
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 5.1-06
MED First Aid Guide NUM: 235

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Detail IATA Information

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IATA PSN Code: WUM
IATA UN ID Num: 1500
IATA Proper Shipping Name: SODIUM NITRITE
IATA UN Class: 5.1
Subsidiary Risk Class: 6.1
IATA Label: OXIDIZER & TOXIC
UN Packing Group: III
Packing Note Passenger: 516
Max Quant Pass: 25KG
Max Quant Cargo: 100KG
Packaging Note Cargo: 518

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Detail AFI Information

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AFI PSN Code: WUM
AFI Proper Shipping Name: SODIUM NITRITE
AFI Hazard Class: 5.1
AFI UN ID NUM: UN1500
AFI Packing Group: III
Special Provisions: P5, A1, A29
Back Pack Reference: A9.8

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HAZCOM Label

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Product ID: SODIUM NITRITE
Cage: 75656
Company Name: LOS ANGELES CHEMICAL CO
Street: 4545 ARDINE ST
PO Box: 1987
City: SOUTH GATE CA
Zipcode: 90280
Health Emergency Phone: 213-583-4761/562-9500
Label Required IND: Y
Date Of Label Review: 03/24/1997
Status Code: C
MFG Label NO: UNKNOWN
Label Date: 03/24/1997
Origination Code: F
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: None
Reactivity Hazard: None
Hazard And Precautions: TARGET ORGANS:EYE, SKIN, RESPIRATORY & GI TRACTS.
ACUTE- EYE/SKIN/INHALATION:MAY CAUSE IRRITATION. ORAL:MAY CAUSE ABDOMINAL PAIN. CAN BE ABSORBED THROUGH SKIN. CHRONIC- UNKNOWN. STORE IN DRY PLACE AWAY FROM INCOMPATIBLES. COVER SPILL WITH SODA ASH; MOISTEN IT WITH WATER; COLLECT SLURRY FOR DISPOSAL. FIRST AID- CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SEE PHYSICIAN. SKIN:FLUSH WITH WATER, THEN WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, RINSE MOUTH WITH WATER & DRINK 2-3 GLASSES OF WATER . INDUCE VOMITING. CALL A

PHYSICIAN
IMMEDIATELY.

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