

LOS ANGELES CHEMICAL CO -- SODIUM FLUORIDE

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MSDS Safety Information
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FSC: 6810
NIIN: 00-059-9069
MSDS Date: 03/01/1996
MSDS Num: BLHFQ
Product ID: SODIUM FLUORIDE
MFN: 01
Responsible Party
Cage: 75656
Name: LOS ANGELES CHEMICAL CO
Address: 4545 ARDINE STREET
Box: 1987
City: SOUTH GATE C
A 90280-2534
Info Phone Number: 213-773-7923/FL 904-241-1200
Emergency Phone Number: 213-664-2121/800-424-9300
Preparer's Name: J. M. COATES
Review Ind: Y
Published: Y

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Preparer Co. when other than Responsible Party Co.
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Cage: 75656
Name: LOS ANGELES CHEMICAL CO
Address: 4545 ARDINE ST
Box: 1987
City: SOUTH GATE CA 90280

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Contractor
Summary
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Cage: 75656
Name: LOS ANGELES CHEMICAL CO
Address: 4545 ARDINE ST
Box: 1987
City: SOUTH GATE CA 90280
Phone: 213-562-9500

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Item Description Information
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Item Manager: S9G
Item Name: SODIUM FLUORIDE, TECHNICAL
Specification Number: 06768-AWWA B-701
Type/Grade/Class: NONE
Unit of Issue: BG
Quantitative Expression: 0000000010

0LB
UI Container Qty: 0
Type of Container: UN 5M2 BAG

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Ingredients
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Cas: 7681-49-4
RTECS #: WB0350000
Name: SODIUM FLUORIDE (CERCLA)
% Wt: 97.70
Other REC Limits: NONE SPECIFIED
OSHA PEL: 2.5 PPM (F)
ACGIH TLV: 2.5 MG (F)/M3; 9596
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL RAT) IS 180 MG/KG
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE:INHALATION OF DUST OR MIST MAY CAUSE SEVERE MUCOUS
MEMBRANE IRRITATION & BURNS. EFFECTS MAY NOT BE IMMEDIATELY APPARENT,
ESPECIALLY WITH DILUTE SOLUTIONS. CHRONIC:CAUSES SEVERE SKIN IRRITATION &
BURNS. INGESTION/INHALATION MAY BE HARMFUL & POSSIBLY FATAL. MAY BE
ABSORBED TH
ROUGH SKIN & CAUSE FLUOROSIS.

Explanation Of Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR
GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs And Symptoms Of Overexposure: MUCOUS MEMBRANE IRRITATION/BURNS, SEVERE
SKIN IRRITATION/BURNS, MAY PRODUCE SIGNS OF FLUOROSIS SUCH AS WEIGHT LOSS,
BRITTLENESS OF BONES, ANEMIA, WEAKNESS AND STIFFNESS OF JOINTS. INTERNAL
BLEEDING MA Y DEVELOP.

Medical Cond Aggravated By Exposure: ANY SKIN, RESPIRATORY OR MUCOUS MEMBR
ANE
CONDITION

First Aid: GET MEDICAL CARE.INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF
NEEDED.KEEP PERSON WARM AND AT REST.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15
MINUTES HOLDING EYELIDS OPEN.CONTACT AN EYE SPECIALIST IMMEDIAT ELY.SKIN:WASH
WITH SOAP/MILD DETERGENT & WATER.INGESTION:DO NOT INDUCE VOMITING.IF
CONSCIOUS,DRINK SEVERAL GLASSES OF WATER OR MILK.NOTE TO PHYSICIAN:EXPOSED
PERSON SHOULD BE OBSERVED FOR 48-72 HOURS.

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Handling and Disposal

Spill Release Procedures: WEAR NIOSH APPROVED PROTECTIVE CLOTHING AND BREATHING APPARATUS. ISOLATE SPILL AREA. CAREFULLY SHOVEL MATERIAL AND PLACE IN CLEAN DRY CONTAINER AND COVER. AVOID RAISING DUST.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DISPOSAL SHOULD BE SUBJECT TO ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions: STORAGE-STORE IN A COOL DRY PLACE,AWAY FROM

ACIDS.USE ONLY WITH ADEQUATE VENTILATION,DUST MASK/SELF-CONTAINED BREATHING APPARATUS.

Other Precautions: DO NOT RAISE DUST. KEEP CONTAINER CLOSED. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. AVOID BREATHING DUST OR MIST. PROTECTIVE CLOTHING SHOULD ALWAYS BE WORN. IN FIRE, IT WILL DECOMPOSE, RELEASING HIGHLY TOXIC HYDROGEN FLUORIDE GAS.

Fire and Explosion Hazard Information

Flash Point Text: NOT COMBUSTIBLE

Extinguishing Media: USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures: ALTHOUGH THIS CHEMICAL IS NON-FLAMMABLE, WHEN HEATED TO TEMPERATURES SUCH AS A FIRE, IT WILL RELEASE HYDROGEN FLUORIDE GAS.

Unusual Fire/Explosion Hazard: FIREFIGHTERS SHOULD AVOID ALL BODILY CONTACT. WEAR FULL PROTECTIVE CLOTHING AND SCBA.

Control Measures

Respiratory Protection: IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: IMPERVIOUS GLOVES-PVC, NEOPRENE.

Eye Protection: CHEMICAL SPLASH GOGGLES, FACESHIELD.

Other Protective Equipment: EYE WASH STATION, SAFETY SHOWER, IMPERVIOUS CLOTHING (COVERALL, BOOTS, ETC.)

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDRY CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health: MSDS PRESENTED BY CAGE 75656 FOR CONTRACT NUMBER SP0400-97-T8934.

Physical/Chemical Properties

HCC: T4

B.P. Text: 3099F,1704C

M.P/F.P Text: 1796F,980C

Decom

p Text: UNKNOWN

Vapor Pres: <0.01 @200C

Spec Gravity: 2.726

Viscosity: UNKNOWN

Solubility in Water: MODERATE

Appearance and Odor: WHITE, CRYSTALLINE POWDER; NO ODOR.

Corrosion Rate: UNKNOWN

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: EXTREME TEMPERATURES SUCH AS FIRE. AVOID CONTACT WITH INCOMPATIBLE MATERIALS.

Materials To Avoid: STRONG ACIDS.

Hazardous

Decomposition Products: NITROGEN OXIDES, HYDROFLUORIC ACIDS AND FLUORINE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: WILL NOT OCCUR.

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Toxicological Information
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Ecological Information
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DS 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: 45227

Product ID: SODIUM FLUORIDE

MSDS Prepared Date: 03/01/1996

Review Date: 04/17/1997

MFN: 1

Net Unit Weight: 100.0 LBS

Multiple KIT Number: 0

Review IND: Y

Unit Of Issue: BG

Container QTY: 0

Type Of Container: UN 5M2 BAG

Additional Data: PSN IS PER MFR MSDS. REPORTABLE QUANTITY IS 1000 LBS PER MSDS.

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Detail DOT Information
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DOT PSN Code: NFI

DOT Prope

r Shipping Name: SODIUM FLUORIDE
Hazard Class: 6.1
UN ID Num: UN1690
DOT Packaging Group: III
Label: KEEP AWAY FROM FOOD
Special Provision: T8
Packaging Exception: 153
Non Bulk Pack: 213
Bulk Pack: 240
Max Qty Pass: 100 KG
Max Qty Cargo: 200 KG
Vessel Stow Req: A
Water/Ship/Other Req: 26

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Detail IMO Information
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IMO PSN Code: NRR
IMO Proper Shipping Name: SODIUM FLUORIDE, SOLID
IMDG Page Number: 6258
UN Number: 1690
UN Hazard Class: 6.1
IMO Packaging Group: III
Subsidiary Risk Label: -
EMS Number: 6.1-04
MED First Aid Guide NUM: 750

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Detail IATA Information
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IATA PSN Code: WQB
IATA UN ID Num: 1690
IATA Proper Shipping Name: SODIUM FLUORIDE
IATA UN Class: 6.1
IATA Label: TOXIC
UN Packing Group: III
Packing Note Passenger: 619
Max Quant Pass: 100KG
Max Quant Cargo: 200K
G
Packaging Note Cargo: 619

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Detail AFI Information
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AFI PSN Code: WQB
AFI Proper Shipping Name: SODIUM FLUORIDE
AFI Hazard Class: 6.1
AFI UN ID NUM: UN1690
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A10.6

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HAZCOM Label
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Product ID: SODIUM FLUORIDE
Cage:

75656

Company Name: LOS ANGELES CHEMICAL CO

Street: 4545 ARDINE ST

PO Box: 1987

City: SOUTH GATE CA

Zipcode: 90280

Health Emergency Phone: 213-664-2121/800-424-9300

Label Required IND: Y

Date Of Label Review: 04/17/1997

Status Code: C

Label Date: 04/17/1997

Year Procured: 1997

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: DANGER

Respiratory Protection IND: YES

Health Hazard: Severe

Contact Hazard: Severe

Fire Hazard: None

Reactivity Hazard: None

Hazard And Pr

cautions: ACUTE:INHALATION OF DUST OR MIST MAY CAUSE SEVERE

MUCOUS MEMBRANE IRRITATION & BURNS.CHRONIC:CAUSES SEVERE SKIN IRRITATION

& BURNS.INGESTION/INHALATION MAY BE HARMFUL & POSSIBLY FATAL.MAY BE

ABSORBED THROUGH SKIN & CAUSE FLUOROSIS. FIRST AID:GET MEDICAL

CARE.INHALATION:REMOVE TO FRESH AIR.GIVE CPR IF NEEDED.KEEP PERSON WARM &

AT REST.EYES:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES,LIFT LIDS.CONTA CT

AN EYE SPECIALIST.SKIN:WASH WITH SOAP/MILD DETERGENT

& WATER.INGESTION:DO

NOT INDUCE VOMITING.IF CONSCIOUS,DRINK SEVERAL GLASSES OF WATER OR MILK.NOTE

TO PHYSICIAN:EXPOSED PERSON SHOULD BE OBSERVED FOR 48-72 HOURS.TARGET

ORGANS:LUNGS,SKIN,EYES.

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