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ALDRICH CHEMICAL CO INC./SUB OF SIGMA-ALDRICH CORP -- 30781-5 SODIUM METASILICATE -- 6810-01-446-6836

Product ID:30781-5 SODIUM METASILICATE

MSDS Date:12/14/1995

FSC:6810

NIIN:01-446-6836

MSDS Number: CFLJM === Responsible Party ===

Company Name: ALDRICH CHEMICAL CO INC./SUB OF SIGMA-ALDRICH CORP

Address:1001 W. ST. PAUL AVE

Box:355

City:MILWAUKEE

State:WI ZIP:53 201

Country:US

Info Phone Num:414-273-3850/FAX -4979 Emergency Phone Num:414-273-3850

CAGE:60928

=== Contractor Identification ===

Company Name: ALDRICH CHEMICAL CO INC

Address:1001 WEST ST PAUL AVE

Box:355

City:MILWAUKEE

State:WI ZIP:53233 Country:US

Phone:414-273-3850

CAGE:60928

======= Composition/Information on Ingredients ========

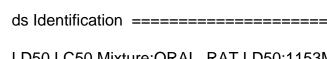
Ingred Name: SODIUM METASILICATE

CAS:6834-92-0

RTECS #:VV9275000 Fraction by Wt: 100%

Other REC Limits: NONE RECOMMENDED

====== Hazar



LD50 LC50 Mixture:ORAL, RAT LD50:1153MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:HAMRFUL IF INHAL/INGEST.MATL EXTREMELY DESTRUCTIVE TO TISSUE OF MUC MEMBRANES & UPPER RESPIRATORY TRACT.INHAL MAY BE FATAL AS RESULT OF SPASM,INFLAMM & EDEMA OF LARYNX & BRONCHI,CHEM NEUMONITIS & PULM EDEMA.TO BEST OF OUR KNOWLEDGE THE CHEM/PHYS/TOXICOLOG

ICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

Effects of Overexposure:SYMPTOMS OF EXPOSURE MAY INCLUDE BURNING SENSATION,COUGHING,WHEEZING,LARYNGITIS,SHORTNESS OF BREATH,HEADACHE,NAUSEA,VOMITING.

Medical Cond Aggravated by Exposure: NONE SPEC BY MFG.TARGET ORGANS: LUNGS, THORAX, RESPIRATION, GI KIDNEY, URETER, BLADDER, PATERNAL EFFECTS.

First Aid:IN CASE OF CONTACT IMMED FLUSH EYE OR SKIN W/COPIOUS AMTS OF

WATER FOR @LEAST 15MINS WHILE REMOVING CONTAM CLOTH/SHOES.ASSURE ADEQUATE FLUSHING OF EYES BY SEPARATING EYELIDS W/FINGERS.IF INHAL REMOVE TO FRESH AIR.IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION.IF BREATHING IS DIFFICULT GIVE OXYGEN.IF INGEST WASH OUT MOUTH W/H2O PROVIDED PERSON IS CONSC.CALL PHYSICIAN.

Flash Point:NON-COMBUSTIBLE

Lower Limits:NP Upper Limits:NP

Extinguishing Media:USE EXTINGUISHING M EDIA APPROPRIATE FOR SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING TO PREVENT CONTCT W/SKIN/EYES.
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

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

Spill Release Procedures:EVACUATE AREA.WEAR SELF-CONTAINED BREATHING APPARATUS,RUBBER BOOTS & HEAVY RUBBER GLOVES.ABSORB ON SAND/VERMICULITE & PLACE IN CLOSED CONTAINERS FOR

DISPOSAL.VENTILATE AREA & WASH SPILL SITE AFT MATL PIKCUP COMPLET Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.
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Handling and Storage Precautions:KEEP TIGHTLY CLOSED.HYGROSCOPIC.STORE IN COOL DRY PLACE.
Other Precautions:KEEP AWAY FROM FOOD,DRINK,ANIMAL FEEDINGSTUFFS.AVOID SKIN/EYE CONTACT.CORROSIVE.CAUSES BURNS.IRRIT TO RESP TRACT.
====== Exposure Controls/Personal Protection ========
Respirator / Protection:WEAR APPROPRIATE NIOSH/MSHA APPROVED RESPIRATOR. / entilation:USE ONLY IN CHEMICAL FUME HOOD. Protective Gloves:CHEM RESISTANT GLOVES Eye Protection:SAFETY GOGGLES;FACESHIELD(8-INCHES MIN) Other Protective Equipment:OTHER PROTECTIVE CLOTHING.SAF SHOWER & EYE
BATH.  Work Hygienic Practices:WASH CONTAM CLOTH BEF REUSE;DISCARD CONTAM  SHOES.DONT GET IN EYE/SKIN/CLOTH.AVOID PROL/REP EXPO.WASH  THOROUGHLY AFT HNDL  Supplemental Safety and Health
========== Physical/Chemi cal Properties ======== Physical/Chemi
HCC:B1 Boiling Pt:B.P. Text:NP Melt/Freeze Pt:M.P/F.P Text:NP Decomp Temp:Decomp Text:NP Vapor Pres:NP Vapor Density:NP Spec Gravity:NP DH:NP Evaporation Rate & Deference:NP Solubility in Water:NP Appearance and Odor:WHITE GRANULAR POWDER Percent Volatiles by Volume:NP Corrosion Rate:NP
========= Stability and Reactivity Data ===========
HALOGENS,STRONG ACIDS. Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER. Hazardous Decompos

ition Products:NATURE OF DECOMPOSITION PRODUCTS NO
KNOWN.

======= Disposal Considerations ===========

Waste Disposal Methods:OBSERVE ALL LOCAL, STATE AND FEDERAL ENVIRO REGULATIONS.BURY IN LANDFILL SITE APPROVED FOR DISPOSAL OF CHEMICAL & HAZ WASTES.

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