

Country:US

CAGE:62910

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State:NJ ZIP:08865 Country:US

Info Phone Num:314-982-5000

=== Contractor Identificat

Box:City:PHILLIPSBURG

Phone:908-859-2151

CAGE:62910

CAS:1310-73-2

Routes of En

RTECS #:WB4900000 Fraction by Wt: 100% OSHA PEL:2 MG/M3

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

ACGIH TLV:C 2 MG/M3; 9293

Emergency Phone Num:314-982-5000

Address:222 RED SCHOOL LANE

Ingred Name: SODIUM HYDROXIDE (SARA III)

Company Name: MALLINCKRODT SPECIALTY CHEMICALS CO

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

ry: Inhalation:YES Skin:NO Ingestion:YES Health Hazards Acute and Chronic:EYES:CORROSIVE,IRRITATION,BURNS,BLINDNESS;SKIN:CORROSIVE,IR RITATION,BURNS,SCARRING;INHALATION:SEVERE IRRITANT.EFFECTS VARY FROM MILD IRRITATION TO SERIOUS DAMAGE OF UPPER RESPIRATORY TRACT.SEVERE PNEU MONITIS MAY OCCUR;INGESTION:CORROSIVE,BURNS MOUTH,THROAT,STOMACH,SEVERE SCAR OF TISSUE,DEATH.CHRONIC:DESTRUCT.TO TISSUE. Effects of Overexposure:SEE HEALTH HAZARDS Medical Cond Aggravated by Exposu e:PERSONS W.PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.
First Aid Measures
First Aid:EYES:FLUSH W.PLENTY WTR FOR AT LEAST 15 MIN.SEE DOCTOR IMM;SKIN:FLUSH W.PLENTY WTR FOR AT LEAST 15 MIN WHILE REMOVNG CLOTH & SHOES.SEE DOCTOR IMM;INHALATION:REMOVE TO FRESH AIR.IF NOT BREATHING GIVE C PR.IF BREATHING IS DIFFICULT,GIVE O*2.SEE DOCTO
R;INGESTION:DO NOT INDUCE VOMIT.GIVE WTR OR MILK.NOTHING BY MOUTH IF UNCONSCIOUS.SEE DOCTOR IMMEDIATELY.
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Extinguishing Media:EXTINGUISH WITH AGENT SUITABLE FOR SURROUNDING FIRE. SEE SUPP
Fire Fighting Procedures:WEAR CHEMICAL PROTECTIVE SUIT AND NIOSH- APPROVED SCBA WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.
Jnusual Fire/Explosion Hazard:HOT OR MOLTEN MATERIAL CAN REACT VIOLENTLY WITH WATER. C
AN REACT WITH CERTAIN METALS SUCH AS ALUMINUM TO GENERATE FLAMMABLE HYDROGEN GAS.
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Spill Release Procedures:CLEAN UP PERSONNEL REQUIRE PROTECT.CLOTHING & RESP.PROTECT.FROM DUST.SWEEP,SCOOP OR PICK UP SPILLED MTL.AVOID DUSTING.TRANSFER WASTE TO A CLOSED METAL CONTAINER & SEND TO AN RCRA-APPVD WASTE DISPOSAL FACILITY.DO NOT FLUSH TO THE SEWER.

====== Handling and

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Storage	
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Handling and Storage Precautions:STORE IN COOL, DRY WELL VENTED LOW FIRE RISK AREA. PROTECT FROM HEAT, SHOCK, FRICTION. KEEP CONTAINERS CLOSED.

Other Precautions: KEEP AWAY FROM INCOMPATIBLE MATERIALS. ALWAYS ADD THE CAUSTIC TO WATER WHILE STIRRING; NEVER THE REVERSE.

====== Exposure Controls/Personal Protection ========

Respiratory Protection:IF TLV IS EXCEEDED, A DUST/MIST RESP. WITH CHEM. GOGGLES MAY BE WORN, IN GENERAL, UP TO 10 TIMES TLV. CONSULT RESP.

SUPPLIER FOR LIMITATNS. ALTERNATIVELY, USE A SUPPLIED AIR FULL FACEPIECE RESPIRATOR OR A IRLINED HOOD.

Ventilation:LOCAL EXHAUST TO ELIMINATE MISTS/FUMES/GASES.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEM.SFTY GOGGLES AND/OR FULL FACESHIELD

Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING,INCLUDING BOOTS,LAB COAT,APRON OR COVERALLS TO PREVENT SKIN CONTACT.EYE WASH&SFTY SHOWER

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. THIS SUBSTANCE

IS CLASSIFIED AS A POISON.

Supplemental Safety and Health

MTLS TO AVOID, CONT'D: CONTACT W.NITROMETHANE & OTHER SIMILAR NITRO COMPDS CAUSES FORMATION OF SHOCK-SENSITIVE SALTS; CONTACT W.METALS SUCH AS ALUMINUM, TIN, AND ZINC CAUSES FORMATION OF FLAMMABLE HYDROGEN GAS. ADDING WATER TO CAUSTIC SOLUTION GENERATES LARGE AMOUNTS OF HEAT.

======== Physical/Chemical Properties ============

HCC:B1

Boiling Pt:=1945.6C, 3534.F Melt/Freeze Pt:=317.8C, 604.F

Vapor Pres:NEGL

IGIBLE

Spec Gravity:2.13

Solubility in Water: APPRECIABLE

Appearance and Odor:WHITE, DELIQUESCENT PELLETS.

======== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES

CONTACT WITH WTR, ACIDS, FLAMM LIQ, AND ORG. HALOGEN CMPDS, ESPECIALLY TRICHLOROETHYLENE MAY CAUSE FIRE/EXPLOSION-SEE SUPPL.

Stability Condition to Avoid: VERY HYGROSCOPIC. CAN SLOWLY PICK UP MOISTURE FROM AIR AND REACT WITH CO2 IN AIR TO FORM SODIUM CARBONATE.

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

Waste Disposal Methods:CAUTION!FLOOR AND OTHER SURFACE MAY BE SLIPPERY.DO NOT CONTACT WITH WATER.NEUTRALIZE TRACES WITH DILUTE ACID.ENSURE COMPLIANCE WITH LOCAL,STATE AND FEDERAL REGULATIONS.

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