

ALDON CORPORATION -- SODIUM HYDROXIDE -- 6810-00-174-6585

===== Product Identification =====

Product ID:SODIUM HYDROXIDE

MSDS Date:09/30/1992

FSC:6810

NIIN:00-174-6585

MSDS Number: BYHHL

=== Responsible Party ===

Company Name:ALDON CORPORATION

Address:1533 W. HENRIETTA ROAD

City:AVON

State:NY

ZIP:14414

Country:US

Info Phone Num:716-226-6177

Emergency Phone Num:716-226-6177

CAGE:6V042

=== Contractor Identification ===

Company Name:AL-DON CHEMICALS INC

Address:1

533 W HENRIETTA RD

Box:City:AVON

State:NY

ZIP:14414-9508

Country:US

Phone:716-226-6177

CAGE:6V042

Company Name:SCIENCE KIT INC

Address:777 E PARK DR

Box:City:TONAWANDA

State:NY

ZIP:14150-6708

Country:US

Phone:716-874-6020

CAGE:57020

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

Ingred Name:SODIUM HYDROXIDE (SARA III)

CAS:1310-73-2

RTECS #:WB4900000

Fraction by Wt: 90-100%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9192

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:POISON! MAY RESULT IN SEVERE

INTESTINAL IRRITATION WITH BURNS TO MOUTH. CONTACT WITH SKIN OR

EYES MAY CAUSE SEVERE IRRITATION OR BURNS. INHALATION OF DUST MAY

BE VERY IRRITATING TO UPPER RESPIRATORY T

RACT. WILL DAMAGE ANY

TISSUE IT COMES INTO CONTACT WITH.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:INTESTINAL IRRITATION, BURNS TO ANY CONTACT TISSUE, SKIN IRRITATION/BURNS, EYE IRRITATION/BURNS, RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

First Aid:EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET MEDICAL ATTENTION. INH ALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. DRINK WATER FOLLOWED BY EGG WHITES. GET MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point:NO

NFLAMMABLE

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:USE WATER ON FIRE INVOLOVING THIS MATERIAL.

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. FLOOD WITH WATER, USING CARE NOT TO SPLATTER OR SPLASH THIS MATERIAL.

Unusual Fire/Explosion Hazard:CONTACT WITH WATER PRODUCES INTENSE HEAT AND HIGHLY IRRITATING AND CORROSIVE MIST.

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

Sp

ill Release Procedures:CAREFULLY AND WEARING PROTECTIVE CLOTHING, SWEEP UP AND PLACE IN A SUITABLE CONTAINER. FLUSH SPILL AREA WITH WATER, RINSE WITH DILUTE ACID, PREFERRABLY ACETIC, AND FINALLY WITH WATER.

Neutralizing Agent:DILUTE ACETIC ACID.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE IN A COOL, DRY PLACE; PROTECT AGAINST MOISTURE AND WATER. SEPARATE FROM ACIDS, METALS, EXPLOSIONS, IGNITABLES.

Other Precautions:PRODUCT IS DELIQUESCENT AND ABSORBS WATER AND CARBON DIOXIDE FROM AIR. SODIUM HYDROXIDE AND TRICHLOROETHYLENE ARE ESPECIALLY HAZARDOUS SINCE THEY REACT TO FORM SPONTANEOUSLY FLAMMABLE DICHLOROACETYLENE. WASH CONTAMINATED CLOTHING PROMPTLY.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS

Ventilation:LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION AS REQUIRED TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:RUBBER

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

HOT OR MOLTEN MATERIAL WILL REACT VIOLENTLY WITH WATER LIBERATING HEAT AND CAUSING SPLASHING.

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

HCC:B1

Boiling Pt:B.P. Text:2534F,1390C

Melt/Freeze Pt:M.P/F.P Text:604F,318C

Vapor Pres:1

Vapor Density:NOT GIVEN

Spec Gravity:2.13

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:COMPLETE

Appearance and Odor:WHITE PELLETS OR FLAKES, NO ODOR

Percent Volatiles by Volume:NIL

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

Stability Indicator/Materials to Avoid:YES

ACID, ACID FUMES, MAN

Y ORGANIC COMPOUNDS, MOST COMMON METALS

Stability Condition to Avoid:MOISTURE

Hazardous Decomposition Products:SODIUM MONOXIDE AND/OR SODIUM PEROXIDE

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

Waste Disposal Methods:PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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