

ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC -- CAUSTIC SODA ANHYDROUS FLAKED --
6810-00-174-6581

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

Product ID:CAUSTIC SODA ANHYDROUS FLAKED

MSDS Date:05/31/1989

FSC:6810

NIIN:00-174-6581

MSDS Number: BLJRY

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43228

Country:US

Info Phone Num:614-790-3333

Emergency Phone Num:800-274-5263

CAGE:7L

600

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO DIV OF ASHLAND OIL INC

Address:3849 FISHER RD

Box:2219

City:COLUMBUS

State:OH

ZIP:43216

Country:US

Phone:614-790-3333 / 800-325-3751

CAGE:7L600

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

Ingred Name:SODIUM HYDROXIDE

CAS:1310-73-2

RTECS #:WB4905000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:C 2 MG/M3; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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

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

Health Hazards Acute and Chronic:EYES: CAUSES SEVERE DAMAGE AND EVEN BLINDNESS VERY RAPIDLY. SKIN: CAUSES BURNS, POSSIBLE DEEP ULCERATION. BREATHING: OF DUST CAN CAUSE DAMAGE TO NASAL AND RESPIRATORY PASSAGES. SWALLOWING: RESULTS IN SEVERE DAMAGE TO MUCOUS MEMBRANES AND DEEP TISSUES, CAN RESULT IN DEATH ON PENETRATION TO VITAL AREAS.

===== First

Aid Measures =====

First Aid:SKIN: IMMED FLUSH W/H2O-15 MIN. REMOVE CONTAM CLOTH/LAUNDER BEFORE RE-USE. REMOVE/DISCARD CONTAM SHOES. EYES: IMMED FLUSH W/LG AMT H2O-15 MIN., LIFT UPPER/LOWER LIDS OCCAS. IF DR NOT AVAIL, KEEP FLUSH ING W/H2O. DO NOT USE CHEM ANTIDOTE. INGEST: DO NOT INDUCE VOMIT/WILL CAUSE FURTHER THROAT DAMAGE. DILUTE BY GIVING H2O. GIVE MILK OF MAGNESIA. KEEP WARM/QUIET. GET IMMED MED AID FOR EACH CONDITION.

===== Fire

Fighting Measures =====

Flash Point:NA

Fire Fighting Procedures:CAN REACT WITH CHEMICALLY REACTIVE METALS SUCH AS ALUMINUM, ZINC, MAGNESIUM, COPPER, ETC. TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR.

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

Spill Release Procedures:SMALL SPILL: SWEEP UP MATERIAL FOR DISPOSAL OR RECOVERY. LARGE SPILL: COLLECT AND ADD SLOWLY TO LARGE VOLUME OF WATER.

Neutralizing Agent:6M-HYDR
OCHLORIC ACID.

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

Handling and Storage Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL *

Other Precautions:*HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

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

Respiratory Protection:EXPOS LIM EXCEEDED, NIOSH/MSHA APPROVED AIR SUPP

LIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRON
CONTROL. OSHA REGS ALSO PERMIT OTHER NIOSH/MSHA RSPRTRS (NEGATIVE
PRESSURE TYPE). IMPLEMENT ENGI NEERING/ADMIN CONTROLS TO REDUCE
EXPOS.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL
EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:NEOPRENE, NITRILE RUBBER, ETC.

Eye Protection:CHEM SPLASH GOGGLES, FACE SHIELD.

Other Protective Equipment:SAFETY GLASSES ARE ALSO PERMITTED. TO
PREV

ENT SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND BOOTS.

Supplemental Safety and Health

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

HCC:B1

Spec Gravity:2.130 @ 68 F

Appearance and Odor:NOT SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES

REACTIVE METALS-ALUMINUM & MAGNESIUM, ORGANIC MATERIALS, WATER, STRONG
ORGANIC ACIDS, COPPER, STRONG MINERAL ACIDS.

===== Disp
osal Considerations =====

Waste Disposal Methods:SMALL: DISSOLVE IN LARGE AMOUNT OF WATER &
NEUTRALIZE W/6M-HYDROCHLORIC ACID. FLUSH DOWN DRAIN W/EXCESS WATER
PER APPLICABLE REGS. LARGE: POUR INTO LARGE TANK OF WATER &
NEUTRALIZE. FLUSH TO DRAIN W/L ARGE EXCESS OF WATER PER APPLICABLE
REGS.

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