

ASHLAND CHEMICAL CO IC AND S DIV -- CAUSTIC SODA ANHYDROUS FLAKED --
6810-00-270-8177

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

Product ID:CAUSTIC SODA ANHYDROUS FLAKED

MSDS Date:05/31/1989

FSC:6810

NIIN:00-270-8177

MSDS Number: BNTDL

=== Responsible Party ===

Company Name:ASHLAND CHEMICAL CO IC AND S DIV

Address:5200 BLAZER PKY

Box:2219

City:DUBLIN

State:OH

ZIP:43017

Country:US

Info Phone Num:614-8

89-3844

Emergency Phone Num:614-889-3844

CAGE:5A188

=== Contractor Identification ===

Company Name:ASHLAND CHEMICAL CO

Address:5200 PAUL BLAZEL MEMORIAL PARKWAY

Box:City:DUBLIN

State:OH

ZIP:43017

Country:US

Phone:614-889-4505

CAGE:5A188

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

Ingred Name:NO INGREDIENT FOR THIS FORMULATION_INGREDIENT

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

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

Report

s of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

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

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

First Aid:SKIN: IMMEDIATE FLUSH

WHEN EXPOSED AREA WITH WATER FOR 15 MINUTES. GET MEDICAL

ATTENTION. REMOVE CONTAMINATED CLOTH, LAUNDRY BEFORE REUSE. REMOVE CONTAMINATED SHOES PROMPTLY AND DISCARD. EYE: IMMEDIATE FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES, LIFT LIDS. GET IMMEDIATE MEDICAL ATTENTION. IF DOCTOR NOT IMMEDIATELY AVAILABLE, CONTINUE FLUSHING WITH WATER. DO NOT USE CHEMICAL ANTIDOTE. INGESTION: DO NOT INDUCE VOMIT (WILL CAUSE FURTHER DAMAGE TO THROAT). DILUTE BY GIVING WATER.*

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

Unusual Fire/Explosion

Hazard:CAN REACT WITH CHEMICALLY REACTIVE METALS

SUCH AS ALUMINUM, ZINC, MAGNESIUM, COPPER ETC. TO RELEASE HYDROGEN GAS WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR.

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

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

Neutralizing Agent:NONE *GIVE MILK OF MAGNESIA. KEEP WARM, QUIET. GET MEDICAL ATTENTION IMMEDIATELY.

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

Other Precautions:CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID AND/OR SOLIDS), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

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

Respiratory Protection:IF WORKPLACE EXPOSURE LIMIT(S) OF PRODUCT OR ANY COMPONENT IS EXCEEDED (SEE SECTION II), A NIOSH/MSHA APPROVED AIR SUPPLY

APPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESP**

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

Protective Gloves: NEOPRENE/NITRILE RUBBER/POLYVINYL#

Eye Protection: CHEM SPLSH GOGGLES/FACE SHIELD (8" MIN)\$

Other Protective Equipment: WEAR IMPERVIOUS CLOTHING & BOOTS.

Work Hygienic Practices: N/K \$IN COMPLIANCE W/OSHA REG ARE ADVISED.

OSH

A REG ALSO PERMITS OTHER TYPE SAFETY GLASSES-CONSULT SFTY EQUIP SUPPLIER.

Supplemental Safety and Health

** (NEGATIVE PRESSURE TYPE) UNDER SPECIFIC CONDITIONS (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPLOSURE.

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

HCC: B1

Spec Gravity: 2.130 @ 68F/20C

Solubility in Water: APPRECIABLE

Appearance and Odor: NOT SPECIFIED BY MANUFACTURER.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

REACTIVE METALS SUCH AS ALUMINUM AND MAGNESIUM/ORGANIC

MATERIALS/WATER/STRONG ORGANIC ACIDS/COPPER/STRONG MINERAL ACIDS.

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

Waste Disposal Methods: SMALL: DISOLVE IN LARGE AMT OF WTR & NEUTRALIZE W/6M-HYDROCHLORIC ACID. FLUSH DOWN DRAIN W/EXCESS WTR IN ACCORD W/APPLICABLE REGS. LG: POUR INTO A LARGE TANK OF WTR & NEUTRALIZE.

FLUSH TO DRAIN WITH LARGE EXCESS OF WTR IN ACCORD W/APPLICABLE REGS.

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