

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:614-889-3844
Emergency Phone Num:614-889-3844
CAGE:5A188
=== Contracto
r 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
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acu

te 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.

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

First Aid:SKIN: IMMEDIATELY FLUSH EXPOSED AREA WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING, LAUNDRY BEFORE REUSE. REMOVE CONTAMINATED SHOES PROMPTLY AND DISCARD. EYE: IMMEDIATELY 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.*

===== 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.

===== 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:N/A *GIVE MILK OF MAGNESIA. KEEP WARM, QUIET. GET MEDICAL ATTENTION IMMEDIATELY.

===== 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.

===== 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 SUPPLIED 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.
OSHA 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.

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

Stability Indic
ator/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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
partic

ular situation.