



MATERIAL SAFETY  
DATA SHEET

24-HOUR EMERGENCY TELEPHONE (606) 324-1133

005075

CAUSTIC SODA BEADS 500# DRUM

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ACCEPTED BY O.S.H.A. AS ESSENTIALLY SIMILIAR TO O.S.H.A. FORM 20

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ASHLAND PRODUCT NAME: CAUSTIC SODA BEADS 500# DRUM  
CAS NUMBER: 1310 73 2

UNIVERSITY ACCOUNTING  
ACCOUNTS PAYABLE  
UNIVERSITY OF WISC-WHITEWATER  
800 WEST MAIN STREET  
WHITEWATER, WISC 53190

05 50 038 9838940-  
DATA SHEET NO: 0031926-002  
LATEST REVISION DATE: 02/85-85056  
PRODUCT: 3150240  
INVOICE: 124646  
INVOICE DATE: 01/08/85  
TO: UW-WHITEWATER  
CENTRAL RECEIVING/STORES  
N. FREMONT STREET  
WHITEWATER, WI 53190

ATTN: PLANT MGR./SAFETY DIR.

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SECTION I-PRODUCT IDENTIFICATION  
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GENERAL OR GENERIC ID: ALKALI

HAZARD CLASSIFICATION: (09) CORROSIVE MATERIAL (173.240)

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SECTION II-HAZARDOUS COMPONENTS  
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INGREDIENT	PERCENT	PEL	TLV	*
SODIUM HYDROXIDE	100	2	2 MG/CUM - CEILING	

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SECTION III-PHYSICAL DATA  
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PROPERTY	REFINEMENT	MEASUREMENT
INITIAL BOILING POINT	NOT APPLICABLE	
VAPOR PRESSURE	NOT APPLICABLE	
VAPOR DENSITY	NOT APPLICABLE	
SPECIFIC GRAVITY		2.130 77.00 DEG F ( 25.00 DEG C)
PERCENT VOLATILES	NOT APPLICABLE	
EVAPORATION RATE	NOT APPLICABLE	

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SECTION IV-FIRE AND EXPLOSION DATA  
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FLASH POINT NOT APPLICABLE

EXPLOSIVE LIMIT NOT APPLICABLE

EXTINGUISHING MEDIA:

UNUSUAL FIRE & EXPLOSION HAZARDS: 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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SECTION V-HEALTH HAZARD DATA  
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PERMISSIBLE EXPOSURE LEVEL 2 MG/CUM - CEILING

THRESHOLD LIMIT VALUE 2 MG/CUM - CEILING

EFFECTS OF OVEREXPOSURE: FOR PRODUCT

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:

IF ON SKIN: IMMEDIATELY FLUSH EXPOSED AREA WITH WATER FOR AT LEAST 15 MINUTES, GET MEDICAL ATTENTION. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE. DISCARD CONTAMINATED SHOES.

IF IN EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER LIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.  
IF PHYSICIAN IS NOT IMMEDIATELY AVAILABLE, CONTINUE FLUSHING WITH WATER. DO NOT USE CHEMICAL ANTIDOTE.

IF SWALLOWED: DO NOT INDUCE VOMITING. VOMITING WILL CAUSE FURTHER DAMAGE TO THE THROAT. DILUTE BY GIVING WATER. GIVE MILK OF MAGNESIA. KEEP WARM, QUIET. GET MEDICAL ATTENTION IMMEDIATELY.


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 SECTION VI-REACTIVITY DATA  
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HAZARDOUS POLYMERIZATION: CANNOT OCCUR

STABILITY: STABLE

INCOMPATIBILITY: AVOID CONTACT WITH: , REACTIVE METALS SUCH AS ALUMINUM AND  
MAGNESIUM, ORGANIC MATERIALS, WATER, STRONG ORGANIC ACIDS, COPPER, STRONG  
MINERAL ACIDS.
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 SECTION VII-SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
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SMALL SPILL: SWEEP UP MATERIAL ONTO PAPER.

LARGE SPILL: COLLECT AND ADD SLOWLY TO LARGE VOLUME OF WATER.

WASTE DISPOSAL METHOD:  
-----SMALL SPILL: DISSOLVE IN LARGE AMOUNT OF WATER AND NEUTRALIZE WITH  
6M-HYDROCHLORIC ACID. FLUSH DOWN DRAIN WITH EXCESS WATER IN ACCORDANCE  
WITH APPLICABLE REGULATIONS.LARGE SPILL: POUR INTO A LARGE TANK OF WATER AND NEUTRALIZE. FLUSH TO DRAIN  
WITH LARGE EXCESS OF WATER IN ACCORDANCE WITH APPLICABLE REGULATIONS.
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 SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED  
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RESPIRATORY PROTECTION: IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A  
NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE  
OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER  
NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY  
EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE  
IMPLEMENTED TO REDUCE EXPOSURE.VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST)  
VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: , NEOPRENE, NITRILE RUBBER,  
POLYVINYL CHLORIDE, POLYETHYLENEEYE PROTECTION: CHEMICAL SPLASH GOGGLES AND FACE SHIELD (8" MIN.) IN COMPLIANCE  
WITH OSHA REGULATIONS ARE ADVISED; HOWEVER, OSHA REGULATIONS ALSO PERMIT  
OTHER TYPE SAFETY GLASSES. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)OTHER PROTECTIVE EQUIPMENT: TO PREVENT SKIN CONTACT, WEAR IMPERVIOUS CLOTHING  
AND BOOTS.
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 SECTION IX-SPECIAL PRECAUTIONS OR OTHER COMMENTS  
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CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED. SINCE EMPTIED  
CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID, AND/OR SOLID), ALL  
HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.THE INFORMATION ACCUMULATED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT  
WARRANTED TO BE WHETHER ORIGINATING WITH ASHLAND OR NOT. RECIPIENTS ARE  
ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT,  
APPLICABLE, AND SUITABLE TO THEIR CIRCUMSTANCES.