



**MATERIAL SAFETY  
 DATA SHEET**

DIVISION OF ASHLAND OIL, INC.

P.O. BOX 2219, COLUMBUS, OHIO 43216 • (614) 899-3333

007461

**SOD BICARBONATE USP**

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

24-HOUR EMERGENCY TELEPHONE: 606-324-1133 (LOCATED AT ASHLAND, KENTUCKY)  
 \*\*\*\*\*  
 ASHLAND PRODUCT NAME: SOD BICARBONATE USP CRSE GR #5

DISTRICT MANAGER  
 ASHLAND CHEMICAL COMPANY  
 IC&S DIVISION  
 P. O. BOX 302  
 SYRACUSE, NY 13206

05 075  
 DATA SHEET NO: 0015597-001  
 LATEST REVISION DATE: 03/78-78060  
 PRODUCT: 3921007  
 INVOICE: ACCLOC  
 INVOICE DATE: 06/09/81  
 TO:

\*\*\*\* INTERCOMPANY MAIL \*\*\*\*

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**SECTION I-PRODUCT IDENTIFICATION**  
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GENERAL OR GENERIC ID: ALKALI  
 HAZARD CLASSIFICATION: (99) NOT APPLICABLE

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**SECTION II-HAZARDOUS COMPONENTS**  
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INGREDIENT	PERCENT	PEL	
SODIUM BICARBONATE	>95 %		( 1 )

( 1 ): TLV NOT ESTABLISHED.

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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	NOT APPLICABLE	
PERCENT VOLATILES	NOT APPLICABLE	
EVAPORATION RATE	NOT APPLICABLE	

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**SECTION IV-FIRE AND EXPLOSION DATA**  
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FLASH POINT(CLOSED CUP) NOT APPLICABLE  
 LOWER EXPLOSIVE LIMIT NOT APPLICABLE  
 EXTINGUISHING MEDIA:  
 UNUSUAL FIRE & EXPLOSION HAZARDS: NOT APPLICABLE

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**SECTION V-HEALTH HAZARD DATA**  
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PERMISSIBLE EXPOSURE LEVEL: NOT ESTABLISHED.  
 EFFECTS OF OVEREXPOSURE: FOR PRODUCT  
 EYES - CAN CAUSE IRRITATION.  
 SKIN - CAN CAUSE IRRITATION.  
 BREATHING - OF DUST CAN CAUSE DAMAGE TO NASAL AND RESPIRATORY PASSAGES.  
 IF SWALLOWED - BY NATURE OF PRODUCT PROBLEMS NOT EXPECTED, BUT INDUSTRIAL  
 PRODUCTS ARE NEVER MEANT TO BE SWALLOWED.

**FIRST AID:**  
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IF ON SKIN: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE  
 CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE RE-USE.  
 IF IN EYES: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS  
 OCCASIONALLY, GET MEDICAL ATTENTION.  
 IF SWALLOWED: GIVE TWO GLASSES OF WATER; INDUCE VOMITING IMMEDIATELY BY  
 STICKING FINGER DOWN THROAT. CALL A PHYSICIAN. NEVER GIVE ANYTHING BY  
 MOUTH TO AN UNCONSCIOUS PERSON.  
 IF BREATHED: REMOVE INDIVIDUAL TO FRESH AIR

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**SECTION VI-REACTIVITY DATA**  
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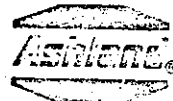
HAZARDOUS POLYMERIZATION: CANNOT OCCUR  
 STABILITY: STABLE  
 INCOMPATIBILITY: AVOID CONTACT WITH: STRONG MINERAL ACIDS.

**MATERIAL SAFETY  
DATA SHEET**

**Ashtand Chemical Company**

DIVISION OF ASHLAND OIL, INC.

P.O. BOX 2219, COLUMBUS, OHIO 43216 • (614) 885-2333



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**SOD BICARBONATE, USP**

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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:**

**SMALL SPILL:** SWEEP UP MATERIAL ONTO PAPER.

**LARGE SPILL:** SHOVEL MATERIAL INTO CONTAINERS. THOROUGHLY SWEEP AREA OF SPILL TO CLEAN UP ANY RESIDUAL MATERIAL.

**WASTE DISPOSAL METHOD:**

**SMALL SPILL:** FLUSH DOWN DRAIN WITH LARGE AMOUNTS OF WATER.

**LARGE SPILL:** DEPOSIT IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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**SECTION VIII-PROTECTIVE EQUIPMENT TO BE USED**  
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**RESPIRATORY PROTECTION:** IF NEEDED USE A NIOSH/MSHA JOINTLY APPROVED DUST RESPIRATOR. (ASK YOUR SAFETY EQUIPMENT SUPPLIER)

**VENTILATION:** PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW LEVEL OF OVEREXPOSURE (FROM KNOWN, SUSPECTED OR APPARENT ADVERSE EFFECTS).

**EYE PROTECTION:** WEAR SAFETY GLASSES IN COMPLIANCE WITH OSHA REGULATIONS. (CONSULT YOUR SAFETY EQUIPMENT SUPPLIER)

**OTHER PROTECTIVE EQUIPMENT:** NORMAL WORK CLOTHING COVERING ARMS AND LEGS.

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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 THIS 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.