

# MATERIAL SAFETY DATA SHEET

SODIUM ACETATE, ANHYDROUS  
CAROLINA BIOLOGICAL

Revised: 09/05/00  
Replaces: None  
Printed: 07/08/06

## PRODUCT IDENTIFICATION

PRODUCT NAME: SODIUM ACETATE, ANHYDROUS  
COMMON SYNONYMS: ACETIC ACID, SODIUM SALT  
CHEMICAL FAMILY: ORGANIC SODIUM SALTS  
FORMULA: CH<sub>3</sub>COONA  
FORMULA WT.: 82.03  
CAS NO.: 127-09-3  
PRODUCT USE: LABORATORY REAGENT  
PRODUCT CODES: 3470,3471,3472,3473,3474  
CHEMTREC # (800) 424-9300 NATIONAL RESPONSE CENTER # (800) 424-8802  
J.T.BAKER INC. 222 RED SCHOOL LANE PHILLIPSBURG, NJ 08865 24-HOUR  
EMERGENCY TELEPHONE -- (201) 859-2151  
EFFECTIVE: 01/04/94 ISSUED: 04/08/95  
REVISION #05

### PRECAUTIONARY LABELING

BAKER SAF-T-DATA\* SYSTEM

HEALTH	-	1	SLIGHT
FLAMMABILITY	-	0	NONE
REACTIVITY	-	0	NONE
CONTACT	-	1	SLIGHT

LABORATORY PROTECTIVE EQUIPMENT  
GOGGLES; LAB COAT

### U.S. PRECAUTIONARY LABELING CAUTION

MAY CAUSE IRRITATION.  
DURING USE AVOID CONTACT WITH EYES, SKIN, CLOTHING. WASH THOROUGHLY  
AFTER  
HANDLING. WHEN NOT IN USE KEEP IN TIGHTLY CLOSED CONTAINER.

### INTERNATIONAL LABELING

AVOID CONTACT WITH EYES. AFTER CONTACT WITH SKIN, WASH IMMEDIATELY WITH  
PLENTY OF WATER. KEEP CONTAINER TIGHTLY CLOSED.

SAF-T-DATA\* STORAGE COLOR CODE: ORANGE (GENERAL STORAGE)

## COMPONENTS

COMPONENT ACGIH/TLV	CAS NO.	WEIGHT %	OSHA/PEL
SODIUM ACETATE, ANHYDROUS	127-09-3	90-100	N/E N/E

## PHYSICAL DATA

BOILING POINT: N/A VAPOR PRESSURE (MMHG): N/A  
MELTING POINT: 324 C (615 F) VAPOR DENSITY (AIR=1): N/A  
(AT 760 MM HG)  
SPECIFIC GRAVITY: 1.53 EVAPORATION RATE: N/A  
(H<sub>2</sub>O=1)  
SOLUBILITY(H<sub>2</sub>O): APPRECIABLE (>10%) % VOLATILES BY VOLUME: 0  
(21 C)  
PH: N/A  
ODOR THRESHOLD (P.P.M.): N/A PHYSICAL STATE: SOLID  
COEFFICIENT WATER/OIL DISTRIBUTION: N/A  
APPEARANCE & ODOR: WHITE CRYSTALS. ODORLESS.

## FIRE AND EXPLOSION HAZARD DATA

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FLASH POINT (CLOSED CUP): N/A  
AUTOIGNITION TEMPERATURE: N/A  
FLAMMABLE LIMITS: UPPER - N/A LOWER - N/A  
FIRE EXTINGUISHING MEDIA  
USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
SPECIAL FIRE-FIGHTING PROCEDURES  
FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT AND SELF-  
CONTAINED  
BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE  
PRESSURE  
MODE.  
UNUSUAL FIRE & EXPLOSION HAZARDS  
NONE IDENTIFIED.  
TOXIC GASES PRODUCED  
CARBON MONOXIDE, CARBON DIOXIDE  
EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT  
NONE IDENTIFIED.  
EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE  
NONE IDENTIFIED.

### **HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE (TLV/TWA): NOT ESTABLISHED  
SHORT-TERM EXPOSURE LIMIT (STEL): NOT ESTABLISHED  
PERMISSIBLE EXPOSURE LIMIT (PEL): NOT ESTABLISHED

TOXICITY OF COMPONENTS  
ORAL RAT LD50 FOR SODIUM ACETATE, ANHYDROUS 3530  
MG/KG  
SUBCUTANEOUS MOUSE LD50 FOR SODIUM ACETATE, ANHYDROUS 8000  
MG/KG  
INTRAVENOUS MOUSE LD50 FOR SODIUM ACETATE, ANHYDROUS 335  
MG/KG  
CARCINOGENICITY: NTP: NO IARC: NO Z LIST: NO OSHA REG: NO  
CARCINOGENICITY  
NONE IDENTIFIED.  
REPRODUCTIVE EFFECTS  
NONE IDENTIFIED.  
EFFECTS OF OVEREXPOSURE  
INHALATION: IRRITATION OF UPPER RESPIRATORY TRACT  
SKIN CONTACT: IRRITATION  
EYE CONTACT: IRRITATION  
SKIN ABSORPTION: NONE IDENTIFIED  
INGESTION: GASTROINTESTINAL IRRITATION  
CHRONIC EFFECTS: NONE IDENTIFIED  
TARGET ORGANS  
RESPIRATORY SYSTEM, LUNGS  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE  
NONE IDENTIFIED  
PRIMARY ROUTES OF ENTRY  
INGESTION, INHALATION, EYE CONTACT, SKIN CONTACT  
EMERGENCY AND FIRST AID PROCEDURES  
INGESTION: IF SWALLOWED AND THE PERSON IS CONSCIOUS, IMMEDIATELY  
GIVE

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INHALATION: LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.  
EXPOSED IF A PERSON BREATHE IN LARGE AMOUNTS, MOVE THE  
PERSON TO FRESH AIR.  
SKIN CONTACT: IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH PLENTY  
OF SOAP AND WATER FOR AT LEAST 15 MINUTES.  
EYE CONTACT: IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH WITH PLENTY  
OF WATER FOR AT LEAST 15 MINUTES.

### SARA/TITLE III HAZARD CATEGORIES AND LISTS

ACUTE: YES CHRONIC: YES FLAMMABILITY: NO PRESSURE: NO REACTIVITY: NO  
EXTREMELY HAZARDOUS SUBSTANCE: NO  
CERCLA HAZARDOUS SUBSTANCE: NO  
SARA 313 TOXIC CHEMICALS: NO  
TSCA INVENTORY: YES

### **REACTIVITY DATA**

STABILITY: STABLE HAZARDOUS POLYMERIZATION: WILL NOT  
OCCUR  
CONDITIONS TO AVOID: MOISTURE, HEAT  
INCOMPATIBLES: STRONG OXIDIZING AGENTS, FLUORINE  
DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

### **SPILL & DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN THE EVENT OF A SPILL OR DISCHARGE  
WEAR SUITABLE PROTECTIVE CLOTHING. CAREFULLY SWEEP UP AND REMOVE.  
DISPOSAL PROCEDURE  
DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL  
ENVIRONMENTAL REGULATIONS.

### **INDUSTRIAL PROTECTIVE EQUIPMENT**

VENTILATION: USE ADEQUATE GENERAL OR LOCAL EXHAUST  
VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.  
RESPIRATORY PROTECTION: NONE REQUIRED WHERE ADEQUATE VENTILATION  
CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE  
AN APPROPRIATE RESPIRATOR OR DUST MASK.  
EYE/SKIN PROTECTION: SAFETY GOGGLES, RUBBER GLOVES ARE RECOMMENDED.

### **STORAGE AND HANDLING PRECAUTIONS**

SAF-T-DATA\* STORAGE COLOR CODE: ORANGE (GENERAL STORAGE)  
STORAGE REQUIREMENTS  
KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL  
STORAGE AREA.  
SPECIAL PRECAUTIONS  
MATERIAL IS HYGROSCOPIC.

### **TRANSPORTATION DATA AND ADDITIONAL INFORMATION**

DOMESTIC (D.O.T.)  
PROPER SHIPPING NAME: CHEMICALS, N.O.S. (NON-REGULATED)

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INTERNATIONAL (I.M.O.)

PROPER SHIPPING NAME: CHEMICALS, N.O.S. (NON-REGULATED)  
MARINE POLLUTANTS: NO

AIR (I.C.A.O.)

PROPER SHIPPING NAME: CHEMICALS, N.O.S. (NON-REGULATED)

U.S. CUSTOMS HARMONIZATION NUMBER: 29152200004

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