

Cab. 11

**MATERIAL SAFETY DATA SHEET**

SUDAN IV  
CAROLINA BIOLOGICAL

Hartman-Leddon

Revised: 09/05/00  
Replaces: None  
Printed: 20/05/08

**PRODUCT IDENTIFICATION**

PRODUCT NAME: SUDAN IV (C.I. 26105)  
COMMON SYNONYMS: N/A  
CHEMICAL FAMILY: DYES, STAINS, AND INDICATORS  
FORMULA: C24H20ON4  
FORMULA WT.: 380.45  
CAS NO.: 85-83-6  
NIOSH/RTECS NO.: N/A  
PRODUCT USE: LABORATORY REAGENT  
PRODUCT CODES: V141

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 #02

PRECAUTIONARY LABELING

U.S. PRECAUTIONARY LABELING

WARNING

HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. CAUSES IRRITATION.  
THERE IS INSUFFICIENT DATA IN THE PUBLISHED LITERATURE TO ASSIGN COMPLETE NUMERICAL SAF-T-DATA\* RATINGS AND LABORATORY PROTECTIVE EQUIPMENT FOR THIS PRODUCT. SPECIAL PRECAUTIONS MUST BE USED IN STORAGE, USE AND HANDLING. PROTECTIVE EQUIPMENT FOR LABORATORY BENCH USE SHOULD BE CHOSEN USING PROFESSIONAL JUDGMENT BASED ON THE SIZE AND TYPE OF REACTION OR TEST TO BE CONDUCTED AND THE AVAILABLE VENTILATION, WITH OVERRIDING CONSIDERATION TO MINIMIZE CONTACT WITH THE CHEMICAL.  
AVOID CONTACT WITH EYES, SKIN, CLOTHING. KEEP IN TIGHTLY CLOSED CONTAINER.  
WASH THOROUGHLY AFTER HANDLING.

INTERNATIONAL LABELING

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

**COMPONENTS**

| COMPONENT<br>ACGIH/TLV | CAS NO. | WEIGHT % | OSHA/PEL |
|------------------------|---------|----------|----------|
| SUDAN IV               | 85-83-6 | 90-100   | N/E N/E  |

**PHYSICAL DATA**

BOILING POINT: N/A VAPOR PRESSURE (MMHG): N/A  
MELTING POINT: N/A VAPOR DENSITY (AIR=1): N/A

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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: NONE DOCUMENTED

INCOMPATIBLES: NONE IDENTIFIED

DECOMPOSITION PRODUCTS: OXIDES OF NITROGEN

**SPILL & DISPOSAL PROCEDURES**

STEPS TO BE TAKEN IN THE EVENT OF A SPILL OR DISCHARGE  
WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. WITH CLEAN SHOVEL, CAREFULLY PLACE MATERIAL INTO CLEAN, DRY CONTAINER AND COVER; REMOVE FROM AREA. FLUSH SPILL AREA WITH WATER.

DISPOSAL PROCEDURE  
DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

**INDUSTRIAL PROTECTIVE EQUIPMENT**

EYE/SKIN PROTECTION: SINCE SOME OF THE HAZARDS OF THIS PRODUCT ARE UNKNOWN, AN INDUSTRIAL HYGIENIST SHOULD BE CONSULTED ON VENTILATION AND PERSONAL PROTECTIVE EQUIPMENT.  
COVER THE BODY AS MUCH AS POSSIBLE TO AVOID CONTACT WITH THE CHEMICAL. WEAR SAFETY GOGGLES, GLOVES, AND IMPERVIOUS CLOTHING.

**STORAGE AND HANDLING PRECAUTIONS**

STORAGE REQUIREMENTS  
KEEP CONTAINER TIGHTLY CLOSED. SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA.

**TRANSPORTATION DATA AND ADDITIONAL INFORMATION**

DOMESTIC (D.O.T.)

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

INTERNATIONAL (I.M.O.)

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

AIR (I.C.A.O.)

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

U.S. CUSTOMS HARMONIZATION NUMBER: 32041600000

NOTE: WHEN HANDLING LIQUID PRODUCTS, SECONDARY PROTECTIVE CONTAINERS MUST BE USED FOR CARRYING. N/A = NOT APPLICABLE, OR NOT AVAILABLE N/E = NOT ESTABLISHED. THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET MEETS THE REQUIREMENTS OF THE UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ACT AND REGULATIONS PROMULGATED THEREUNDER (29 CFR 1910.1200 ET. SEQ.) AND THE CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM. THIS DOCUMENT IS INTENDED ONLY AS A GUIDE TO THE APPROPRIATE PRECAUTIONARY HANDLING OF THE MATERIAL BY A PERSON TRAINED IN, OR SUPERVISED BY A PERSON TRAINED IN, CHEMICAL HANDLING. THE USER IS RESPONSIBLE FOR DETERMINING THE PRECAUTIONS AND DANGERS OF THIS CHEMICAL FOR HIS OR HER PARTICULAR APPLICATION. DEPENDING ON USAGE, PROTECTIVE CLOTHING INCLUDING EYE AND FACE GUARDS AND RESPIRATORS MUST BE USED TO AVOID CONTACT WITH MATERIAL OR BREATHING CHEMICAL VAPORS/FUMES. EXPOSURE TO THIS PRODUCT MAY HAVE SERIOUS ADVERSE HEALTH EFFECTS. THIS CHEMICAL MAY INTERACT WITH OTHER SUBSTANCES. SINCE THE POTENTIAL USES ARE SO VARIED, BAKER CANNOT WARN OF ALL OF THE POTENTIAL DANGERS OF USE OR INTERACTION WITH OTHER CHEMICALS OR MATERIALS. BAKER WARRANTS THAT THE CHEMICAL MEETS THE SPECIFICATIONS SET FORTH ON THE LABEL. BAKER DISCLAIMS ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, WITH REGARD TO THE PRODUCT SUPPLIED HEREUNDER, ITS MERCHANTABILITY OR ITS FITNESS FOR A PARTICULAR PURPOSE. THE USER SHOULD RECOGNIZE THAT THIS PRODUCT CAN CAUSE SEVERE INJURY AND EVEN DEATH, ESPECIALLY IF IMPROPERLY HANDLED OR THE KNOWN DANGERS OF USE ARE NOT HEEDED. READ ALL PRECAUTIONARY INFORMATION. AS NEW DOCUMENTED GENERAL SAFETY INFORMATION BECOMES AVAILABLE, BAKER WILL PERIODICALLY REVISE THIS MATERIAL SAFETY DATA SHEET. NOTE: CHEMTREC, CANUTEC, AND NATIONAL RESPONSE CENTER EMERGENCY TELEPHONE NUMBERS ARE TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS. ALL NON-EMERGENCY QUESTIONS SHOULD BE DIRECTED TO CUSTOMER SERVICE (1-800-JTBAKER ASSISTANCE. COPYRIGHT 1995 J.T.BAKER INC. \* TRADEMARKS OF J.T.BAKER INC. APPROVED BY QUALITY ASSURANCE DEPARTMENT.