

J.T.BAKER INC. 222 RED SCHOOL LANE, PHILLIPSBURG, NJ 08865
M A T E R I A L S A F E T Y D A T A S H E E T
24-HOUR EMERGENCY TELEPHONE -- -908- 859-2151
CHEMTREC # -800- 424-9300 -- NATIONAL RESPONSE CENTER # -800- 424-8802

B0040 -02
EFFECTIVE- 01/04/94

'BAKER-FLEX'-R-, SILICA GEL IB

PAGE-
ISSUED- 01/15/94

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SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME- 'BAKER-FLEX'-R-, SILICA GEL IB
COMMON SYNONYMS- N/A
CHEMICAL FAMILY- CHROMATOGRAPHY PRODUCTS
FORMULA- N/A
FORMULA WT.- N/A
CAS NO.- N/A
NIOSH/RTECS NO.- N/A
PRODUCT USE- LABORATORY REAGENT
PRODUCT CODES- 4449,4462,4463,4448

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-

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SECTION II - COMPONENTS

| COMPONENT | CAS NO. | WEIGHT % | OSHA/PEL | ACGIH/TLV |
|------------|------------|----------|----------|-----------|
| SILICA GEL | 63231-67-4 | 90-100 | 6 MG/M | 10 MG/M |

SECTION III - PHYSICAL DATA

| | |
|-------------------------------------|------------------------------------|
| BOILING POINT- N/A | VAPOR PRESSURE -MMHG-- N/A |
| MELTING POINT- N/A | VAPOR DENSITY -AIR-1-- N/A |
| SPECIFIC GRAVITY- N/A -H2O-1- | EVAPORATION RATE- N/A |
| SOLUBILITY-H2O-- NEGLIGIBLE --0.1%- | % 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- FLEXIBLE SHEET COATED WITH WHITE POWDER.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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.

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA -CONTINUED-

UNUSUAL FIRE & EXPLOSION HAZARDS
NONE IDENTIFIED.

TOXIC GASES PRODUCED
NONE IDENTIFIED

EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT
NONE IDENTIFIED.

EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE
NONE IDENTIFIED.

SECTION V - 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

NO INFORMATION IS AVAILABLE

CARCINOGENICITY- NTP- NO IARC- NO Z LIST- NO OSHA REG- NO

CARCINOGENICITY
NONE IDENTIFIED.

REPRODUCTIVE EFFECTS
NONE IDENTIFIED.

EFFECTS OF OVEREXPOSURE

INHALATION- NONE IDENTIFIED

SKIN CONTACT- PROLONGED CONTACT MAY CAUSE IRRITATION

EYE CONTACT- NONE IDENTIFIED

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SECTION V - HEALTH HAZARD DATA -CONTINUED-

SKIN ABSORPTION- NONE IDENTIFIED

INGESTION- NONE IDENTIFIED

CHRONIC EFFECTS- NONE IDENTIFIED

TARGET ORGANS
NONE IDENTIFIED

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
NONE IDENTIFIED

PRIMARY ROUTES OF ENTRY
NONE INDICATED

EMERGENCY AND FIRST AID PROCEDURES

INGESTION- IF SWALLOWED AND THE PERSON IS CONSCIOUS, IMMEDIATELY GIVE
LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.

INHALATION- IF A PERSON BREATHES IN LARGE AMOUNTS, MOVE THE EXPOSED
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- NO CHRONIC- NO FLAMMABILITY- NO PRESSURE- NO REACTIVITY- NO

EXTREMELY HAZARDOUS SUBSTANCE- NO
CERCLA HAZARDOUS SUBSTANCE- NO
SARA 313 TOXIC CHEMICALS- NO
TSCA INVENTORY- YES

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SECTION VI - REACTIVITY DATA

STABILITY- STABLE

HAZARDOUS POLYMERIZATION- WILL NOT OCCUR

CONDITIONS TO AVOID- MOISTURE

INCOMPATIBLES- HYDROGEN FLUORIDE

DECOMPOSITION PRODUCTS- NONE IDENTIFIED

SECTION VII - 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.

SECTION VIII - INDUSTRIAL PROTECTIVE EQUIPMENT

EYE/SKIN PROTECTION-

THIS IS A LABORATORY-USE PRODUCT FOR WHICH
NO INDUSTRIAL PROTECTIVE EQUIPMENT HAS BEEN DESIGNATED.

SECTION IX - 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.

SECTION X - TRANSPORTATION DATA AND ADDITIONAL INFORMATION

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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- FOR ASSISTANCE.

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