

MATERIAL SAFETY DATA SHEET



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SECTION 1. ----- CHEMICAL IDENTIFICATION-----

CATALOG#: IB02010 & IB02020
NAME: CARBENICILLIN, DISODIUM
CAS#: 4800-94-6

SECTION 2. ----- HAZARDS IDENTIFICATION -----

LABEL PRECAUTIONARY STATEMENTS

MAY BE IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

SENSITIZER

MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING

HMIS: NFPA:

H: 3 H: 3

F: 1 F: 0

R: 1 R: 0

PE: I SH: N/A

SECTION 3. ----- COMPOSITION/INFORMATION ON INGREDIENTS -----

MF: C₁₇H₁₆N₂O₆SN₂

MW: 422.4

EC NO: 225-360-8

SYNONYMS

ANABACTYL * BRL-2064 * CARBAPEN * CARBECIN * CARBENICILLIN DISODIUM
SALT * CARBOXYBENZYL PENICILLIN SODIUM * CBPC * CP-15-639-2 * DISODIUM
CARBENICILLIN * DISODIUM ALPHA-CARBOXYBENZYL PENICILLIN * FUGACILLIN *
GEOPEN * GRIPENIN * HYOPER * MICROCILLIN * NSC-111071 * PIOPEN *
PYOCIANIL * PYOPEN * PYOPENE * SODIUM CARBENICILLIN *

SECTION 4. ----- FIRST-AID MEASURES-----

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.
CALL A PHYSICIAN.

IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND
SHOES. CALL A PHYSICIAN.

IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,
CALL A PHYSICIAN.

IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER
FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING
THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

SECTION 5. ----- FIRE FIGHTING MEASURES -----

EXTINGUISHING MEDIA

CARBON DIOXIDE, DRY CHEMICAL POWDER OR APPROPRIATE FOAM.

SPECIAL FIREFIGHTING PROCEDURES

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

UNUSUAL FIRE AND EXPLOSIONS HAZARDS

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

SECTION 6. ----- ACCIDENTAL RELEASE MEASURES-----

EVACUATE AREA.

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, BOOTS AND HEAVY GLOVES.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. ----- HANDLING AND STORAGE-----

DO NOT BREATHE DUST.

DO NOT GET IN EYES, ON SKIN, ON CLOTHING.

WASH THOROUGHLY AFTER HANDLING.

KEEP TIGHTLY CLOSED.

LIGHT SENSITIVE

HYGROSCOPIC

STORE IN A COOL DRY PLACE.

STORE AT +4°C.

SECTION 8. ----- EXPOSURE CONTROLS/PERSONAL PROTECTION-----

WEAR APPROPRIATE NIOSH/MSHA-APPROVED RESPIRATOR, CHEMICAL-RESISTANT GLOVES, SAFETY GOGGLES, OTHER PROTECTIVE CLOTHING.

CHEMICAL FUME HOOD RECOMMENDED.

SAFETY SHOWER AND EYE BATH.

SECTION 9. ----- PHYSICAL AND CHEMICAL PROPERTIES -----

APPEARANCE

SOLID.

SECTION 10. ----- -STABILITY AND REACTIVITY -----

STABILITY

STABLE.

INCOMPATIBILITIES

STRONG OXIDIZING AGENTS

LIGHT

MOISTURE

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS

TOXIC FUMES OF:

CARBON MONOXIDE, CARBON DIOXIDE

NITROGEN OXIDES

SULFUR OXIDES

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR.

SECTION 11.----- TOXICOLOGICAL INFORMATION -----

ACUTE EFFECTS

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.

MAY CAUSE EYE OR SKIN IRRITATION.

MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

PROLONGED OR REPEATED EXPOSURE MAY CAUSE ALLERGIC REACTIONS IN CERTAIN SENSITIVE INDIVIDUALS.

TO THE BEST OF OUR KNOWLEDGE, THE CHEMICAL, PHYSICAL, AND TOXICOLOGICAL PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

ADDITIONAL INFORMATION

BECAUSE OF THE SIMILARITY IN STRUCTURE OF THE PENICILLINS AND CEPHALOSPORINS, THOSE WHO ARE ALLERGIC TO ONE CLASS OF AGENTS MAY MANIFEST CROSS-ALLERGENICITY WHEN A MEMBER OF THE OTHER CLASS IS ENCOUNTERED.

RTECS #: ON9105000

MALONAMIC ACID,

N-(2-CARBOXY-3,3-DIMETHYL-7-OXO-4-THIA-1-AZABICYCLO(3.2.0)HEPT-6-YL)-2-PHENYL-, DISODIUM SALT

TOXICITY DATA

ORL-RAT LD50:>10 GM/KG NIIRDN 6,187,1982

IPR-RAT LD50:10 GM/KG NIIRDN 6,187,1982

SCU-RAT LD50:>10 GM/KG NIIRDN 6,187,1982

IVN-RAT LD50:6800 MG/KG NIIRDN 6,187,1982

ORL-MUS LD50:>12 GM/KG NKRZAZ 23,572,1975

IPR-MUS LD50:7600 MG/KG NIIRDN 6,187,1982

SCU-MUS LD50:9 GM/KG NIIRDN 6,187,1982

IVN-MUS LD50:4500 MG/KG NKRZAZ 23,572,1975

ICE-MUS LD50:95500 UG/KG NKRZAZ 17,1111,1969

IVN-MKY LD50:9800 MG/KG TAKHAA 34,405,1975

ONLY SELECTED REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES (RTECS) DATA IS PRESENTED HERE. SEE ACTUAL ENTRY IN RTECS FOR COMPLETE INFORMATION.

SECTION 12.----- ECOLOGICAL INFORMATION -----

DATA NOT YET AVAILABLE.

SECTION 13.----- DISPOSAL CONSIDERATIONS -----

OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14.----- TRANSPORT INFORMATION -----

NOT REGULATED.

SECTION 15.----- REGULATORY INFORMATION -----

EUROPEAN INFORMATION

HARMFUL

R 42/43

MAY CAUSE SENSITIZATION BY INHALATION AND SKIN CONTACT.

S: 36/37/39

WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

REVIEWS, STANDARDS, AND REGULATIONS

OEL=MAK

NOES 1983: HZD X3871; NIS 1; TNF 385; NOS 5; TNE 13162; TFE 8667

SECTION 16. OTHER INFORMATION.....

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