

SAFETY DATA SHEET

SECTION 1. CHEMICAL IDENTIFICATION

CATALOG #: 15146

NAME: Sodium Oxacillin

24 HOUR EMERGENCY TELEPHONE: (800) 535-5053(USA)
352-323-3500 (INTERNATIONAL)

TO REQUEST AN MSDS: (800) 869-9290

CUSTOMER SERVICE: (630) 766-2112

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 7240-38-2

MF: $C_{19}H_{18}N_3NaO_5S \bullet H_2O$

MW: 441.45

SECTION 3. HEALTH HAZARD INFORMATION

USUAL ADULT DOSE: THE USUAL ORAL ADULT DOSE OF OXACILLIN SODIUM IS 500 MG TO 1 GRAM (BASE) EVERY FOUR TO SIX HOURS; NOT TO EXCEED A MAXIMUM OF 6 GRAMS DAILY.

ADVERSE EFFECTS: ADVERSE EFFECTS MAY INCLUDE MILD DIARRHEA; NAUSEA OR VOMITING; HEADACHE; FAST OR IRREGULAR BREATHING;

SWELLING AROUND FACE; SHORTNESS OF BREATH;
SUDDEN, SEVERE DECREASE IN BLOOD PRESSURE; JOINT

PAIN; SKIN RASH; AND FEVER. POSSIBLE ALLERGIC REACTION TO MATERIAL IF INHALED, INGESTED OR IN CONTACT WITH SKIN.

OVERDOSE
EFFECTS:

NOT AVAILABLE

ACUTE:

POSSIBLE EYE, SKIN, GASTROINTESTINAL AND/OR RESPIRATORY TRACT IRRITATION.

CHRONIC:

POSSIBLE HYPERSENSITIZATION AND SUPERINFECTIONS.

INHALATION:

MAY CAUSE IRRITATION OR SENSITIZATION. REMOVE TO FRESH AIR.

EYE:

MAY CAUSE IRRITATION OR SENSITIZATION. FLUSH WITH COPIOUS QUANTITIES OF WATER.

SKIN:

MAY CAUSE IRRITATION OR SENSITIZATION. FLUSH WITH COPIOUS QUANTITIES OF WATER.

INGESTION:

MAY CAUSE IRRITATION OR SENSITIZATION. FLUSH OUT MOUTH WITH WATER. THIS MATERIAL IS INCOMPLETELY ABSORBED

FROM THE GASTROINTESTINAL TRACT.

MEDICAL
CONDITIONS

HYPERSENSITIVITY TO MATERIAL, HISTORY OF BLEEDING DISORDERS OR GASTROINTESTINAL DISEASE, AND KIDNEY FUNCTION IMPAIRMENT. THERAPEUTIC USE OF THIS MATERIAL CAN REDUCE EFFECTIVENESS OF ESTROGEN-CONTAINING CONTRACEPTIVES.

AGGRAVATED BY
EXPOSURE:

CROSS
SENSITIVITY:

PERSONS WITH PREVIOUS HISTORY OF SIGNIFICANT ALLERGY (ESPECIALLY TO ANTIBIOTICS) AND/OR ASTHMA SHOULD AVOID

POTENTIAL EXPOSURE TO THIS MATERIAL. INDIVIDUALS SENSITIVE TO ANY OF THE PENICILLINS, OR TO CEPHALOSPORINS OR CEPHAMYCINS MAY BE SENSITIVE TO THIS MATERIAL ALSO.

PREGNANCY
COMMENTS:

ADEQUATE AND WELL-CONTROLLED PREGNANCY STUDIES IN HUMANS HAVE NOT BEEN DONE, HOWEVER, PENICILLINS ARE

WIDELY USED IN PREGNANT WOMEN AND PROBLEMS HAVE NOT BEEN DOCUMENTED. REPRODUCTION STUDIES WITH MICE,

RATS AND RABBITS GIVEN OXACILLIN HAVE REVEALED NO EVIDENCE OF IMPAIRED FERTILITY OR HARM TO THE FETUS.

PREGNANCY

B

CATEGORY:

SECTION 4. FIRST-AID MEASURES

GENERAL:	REMOVE FROM EXPOSURE. REMOVE CONTAMINATED CLOTHING. PERSONS DEVELOPING SERIOUS HYPERSENSITIVITY (ANAPHYLACTIC) REACTIONS MUST RECEIVE IMMEDIATE MEDICAL ATTENTION. IF PERSON IS NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. OBTAIN MEDICAL ATTENTION.
OVERDOSE TREATMENT:	PERSONS DEVELOPING SERIOUS HYPERSENSITIVITY REACTIONS SHOULD RECEIVE IMMEDIATE PARENTERAL EPINEPHRINE, OXYGEN OR AIRWAY INTUBATION, AND INTRAVENOUS CORTICOSTEROIDS. TREATMENT OF PENICILLIN OVERDOSE SHOULD BE SYMPTOMATIC AND SUPPORTIVE. HEMODIALYSIS MAY AID IN THE REMOVAL OF PENICILLINS FROM THE BLOOD. MODERATE TO SEVERE CASES OF DIARRHEA MAY REQUIRE FLUID, ELECTROLYTE, AND PROTEIN REPLACEMENT. [USP DI 2002]

SECTION 5. TOXICOLOGICAL INFORMATION

RTECS #:	XH9100000 (ANHYDROUS)
ORAL RAT:	LD50: >10 GRAMS/KG
ORAL MOUSE:	LD50: >10 GRAMS/KG
IRRITANCY DATA:	NOT AVAILABLE
TARGET ORGAN(S):	LIVER.
LISTED AS A CARCINOGEN:	NTP: NO IARC: NO OSHA: NO
OTHER:	NOT AVAILABLE.

SECTION 6. FIRE FIGHTING MEASURES

FLASH POINT:	NOT AVAILABLE
AUTO-IGNITION TEMPERATURE:	NOT AVAILABLE
UPPER FLAMMABLE LIMIT:	NOT AVAILABLE
LOWER FLAMMABLE LIMIT:	NOT AVAILABLE
EXTINGUISHER MEDIA:	WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE OR FOAM AS APPROPRIATE FOR SURROUNDING FIRE AND MATERIALS.
FIRE AND EXPLOSION HAZARDS:	THIS MATERIAL IS ASSUMED TO BE COMBUSTIBLE. AS WITH ALL DRY POWDERS IT IS ADVISABLE TO GROUND MECHANICAL EQUIPMENT IN CONTACT WITH DRY MATERIAL TO DISSIPATE THE POTENTIAL BUILDUP OF STATIC ELECTRICITY.
FIREFIGHTING PROCEDURES:	AS WITH ALL FIRES, EVACUATE PERSONNEL TO A SAFE AREA. FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING EQUIPMENT AND PROTECTIVE CLOTHING.

SECTION 7. PHYSICAL HAZARDS

CONDITIONS TO AVOID:	AVOID EXTREME TEMPERATURES.
INCOMPATIBILITIES:	NOT AVAILABLE.
DECOMPOSITION PRODUCTS:	WHEN HEATED TO DECOMPOSITION MATERIAL EMITS VERY TOXIC FUMES OF NOX, NA2O AND SOX. EMITS TOXIC FUMES UNDER FIRE CONDITIONS.
STABLE:	YES

HAZARDOUS
POLYMERIZATION: NO

SECTION 8. HANDLING / SPILL / DISPOSAL MEASURES

HANDLING:	AS A GENERAL RULE, WHEN HANDLING USP REFERENCE STANDARDS AVOID ALL CONTACT AND INHALATION OF DUST, MISTS, AND/OR VAPORS ASSOCIATED WITH THE MATERIAL. WASH THOROUGHLY AFTER HANDLING.
STORAGE:	STORE IN TIGHT CONTAINER AT A CONTROLLED ROOM TEMPERATURE AS DEFINED IN THE USP-NF. THIS MATERIAL SHOULD BE HANDLED AND STORED PER LABEL INSTRUCTIONS TO ENSURE PRODUCT INTEGRITY. STORE AT A CONTROLLED ROOM TEMPERATURE.
SPILL RESPONSE:	WEAR APPROVED RESPIRATORY PROTECTION, CHEMICALLY COMPATIBLE GLOVES AND PROTECTIVE CLOTHING. WIPE UP SPILLAGE OR COLLECT SPILLAGE USING A HIGH EFFICIENCY VACUUM CLEANER. AVOID BREATHING DUST. PLACE SPILLAGE IN APPROPRIATELY LABELLED CONTAINER FOR DISPOSAL. WASH SPILL SITE.
DISPOSAL:	DISPOSE OF WASTE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS.

SECTION 9. EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:	WHEN WORKING WITH SMALL QUANTITIES IN A WELL-VENTILATED AREA, RESPIRATORY PROTECTION MAY NOT BE REQUIRED. THE USE OF AN APPROVED DUST MASK IS
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RECOMMENDED.

VENTILATION: NO SPECIAL VENTILATION REQUIREMENTS.

GLOVES: RUBBER

EYE PROTECTION: SAFETY GLASSES

PROTECTIVE CLOTHING: PROTECT EXPOSED SKIN.

SECTION 10. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: White powder; odorless or slight odor.

MELTING POINT: 186-190 °C

BOILING POINT: NOT AVAILABLE

SOLUBILITY IN WATER: FREELY SOLUBLE

SPECIFIC GRAVITY: NOT AVAILABLE

VAPOR PRESSURE: NOT AVAILABLE

VAPOR DENSITY: NOT AVAILABLE

EVAPORATION RATE: NOT AVAILABLE

REACTIVITY IN WATER: NOT AVAILABLE

% VOLATILE BY VOLUME: NOT AVAILABLE

MSDS LEGEND:

MW: MOLECULAR WEIGHT

MF: MOLECULAR FORMULA

VOC: VOLATILE ORGANIC COMPOUNDS

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

CAS: CHEMICAL ABSTRACTS SERVICE REGISTRY NUMBER

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

PEL: PERMISSIBLE EXPOSURE LIMIT (OSHA)

TLV: THRESHOLD LIMIT VALUE (ACGIH)

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