# AMPICILLIN TRIHYDRATE CAS # 7177482

A Special Carcinogen E Dermal Hazard I Neurotoxin

B Human Terato\Repro Haz F Corrosive J Suspect Carcinogen

C Highly Toxic G Eye Damage K Suspect Terato\Repro Haz

D Inhalation Hazard H STEL L Sensitizers

HAZARD INDEX . . . . E . . . . J K L

NFPA HAZARD CODES (H,F,R,O) 3 0 0

ACUTE TOXICTY RISK INDEX 1.7 - LD50 10000.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes skin irritation.

skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: May be harmful if inhaled. Material is irritating to

mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

SENSITIZATION

Sensitization: May cause allergic reaction. There are reports of

serious and sometimes fatal hypersensitiveity (anaphylactic)

reactions occurring in people receiving penicillin therapy by

the parenteral route although it has also occurred via oral

administration. These reactions usually occur in individuals who

have a history of sensitiveity to multiple allergens, asthma, hay

fever or urticaria. Ingestion has resulted in nausea, vomiting,

diarrhea, glossitis, stomatitis, enterocolitis, pseudomembranous

coloitis. Hypersensitiveity reactions: erythematous maculopapular

rashes, erythema multiforme, urticaria and exfoliative dermatis.

TARGET ORGAN(S) OR SYSTEM(S)

Blood.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and

toxicological properties have not been thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

a - Organic Base/Flammable/Toxic

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Oxidizing agents.

FIRE EXTINGUISHER: Water spray. Carbon dioxide, dry chemical powder, or

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides Sulfur oxides

Store at 2-8°C

Keep tightly closed.

REACTIVE PROPERTIES

HANDLING: Avoid breathing dust. Avoid contact with eyes, skin, and clothing.

Avoid prolonged or repeated exposure. STORAGE: Keep tightly closed\. Store at

2-8░C

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 36/37/38 42/43

Risk Statements: Irritating to eyes, respiratory system and

skin. May cause sensitization by inhalation and skin contact.

S: 22 26 36/37

Safety Statements: Do not breathe dust. In case of contact with

eyes, rinse immediately with plenty of water and seek medical

advice. Wear suitable protective clothing and gloves.

The information presented in the OPMSDS is intended as a synopsis of relative hazard characteristics for this chemical, for application within the UMass-Boston Chem/XL Laboratory Program. This information is derived from a wide range of sources documented in that program. While these sources are considered credible, the user is cautioned that the university cannot guarantee the accuracy nor accept responsibility for damages which may arise from errors, omissions, or the use of this information in any context other than intended. The user is strongly encouraged to seek additional information whenever feasible.