# ASPARAGINASE CAS # 9015683 HAZARDOUS CHEMICAL OF CONCERN

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 . B . . . . . . . . . L

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

HUMAN TERATOGEN - DESIGNATED AREA MAY BE REQUIRED

ACUTE TOXICTY RISK INDEX 1.8 - LD50 7500.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: May cause skin irritation.

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

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be

irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

SENSITIZATION

Respiratory: May cause allergic respiratory reaction.

skin: May cause allergic skin reaction.

TARGET ORGAN(S) OR SYSTEM(S)

Liver. Pancreas.

SIGNS AND SYMPTOMS OF EXPOSURE

Other symptoms may include anorexia, chills, fever, weight loss,

abdominal cramps, hyperglycemia, pancreatitis, bone marrow

depression, a decrease in blood concentration of fibrinogen

depressing the clotting mechanisms, and liver and kidney damage.

Inhibits protein synthesis in various tissues of the body.

Exposure can cause: Nausea, headache, and vomiting. CNS

depression.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Oxidizing agents.

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

appropriate foam.

Store at -20°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

-20░C

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 42/43 63

Risk Statements: May cause sensitization by inhalation and skin

contact. Possible risk of harm to the unborn child.

S: 22 36/37 45

Safety Statements: Do not breathe dust. Wear suitable protective

clothing and gloves. In case of accident or if you feel unwell,

seek medical advice immediately (show the label where possible).

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.