# AMINOPTERIN CAS # 54626 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 C . . . . . . J . .

NFPA HAZARD CODES (H,F,R,O) 4 0 0

HUMAN TERATOGEN - DESIGNATED AREA MAY BE REQUIRED

REPRODUCTIVE RISK INDEX 6.2

EXTREMELY TOXIC - DESIGNATED AREA MAY BE REQUIRED

ACUTE TOXICTY RISK INDEX 4.7 - LD50 9.7 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: Material may be irritating to mucous membranes and

upper respiratory tract. May be harmful if inhaled.

Ingestion: May be fatal if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Blood.

SIGNS AND SYMPTOMS OF EXPOSURE

Blood effects. 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):

d - Organic Acid/Flammable/Toxic

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents.

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides

Store at -20°C

Keep tightly closed.

Light sensitive.

REACTIVE PROPERTIES

HANDLING: Do not breathe dust. Do not get in eyes, on skin, on clothing.

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

-20░C SPECIAL REQUIREMENTS Light sensitive.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: T+

Indication of Danger: Very toxic.

R: 61 28

Risk Statements: May cause harm to the unborn child. Very toxic

if swallowed.

S: 53 28 36/37 45

Safety Statements: Avoid exposure - obtain special instructions

before use. After contact with skin, wash immediately with

plenty of polyethylene glycol. Wear suitable protective clothing

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

medical advice immediately (show the label where possible).

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 5 mg/m3

DOE Short Term Exposure Limit 15 mg/m3

DOE Ceiling Limit 25 mg/m3

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.