# ARSENIC(III) SULFIDE CAS # 1303339 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 . . . D E F G . I J K .

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

ACUTE TOXICTY RISK INDEX 3.4 - LD50 185.0 mg/Kg

NEUROTOXIC - RISK INDEX 5.0

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50

cancer hazard

ROUTE OF EXPOSURE

Inhalation: Material is irritating to mucous membranes and upper

respiratory tract.

Multiple Routes: May be fatal if inhaled, swallowed, or absorbed

through skin. Causes eye and skin irritation.

TARGET ORGAN(S) OR SYSTEM(S)

skin. Lungs.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD: TOXIC CORROSIVE

INCOMPATIBILITIES:Acids, Oxidizing agents, Halogens.

FIRE EXTINGUISHER: Noncombustible. Use extinguishing media appropriate

tosurrounding fire conditions.

TOXIC EMISSIONS WHEN BURNED: Arsenic oxides Sulfur oxides Hydrogen sulfide

gas

REACTIVE PROPERTIES

HANDLING: Avoid inhalation. Do not get in eyes, on skin, on clothing. Avoid

prolonged or repeated exposure. STORAGE: Keep tightly closed. Store in a cool

dry place\. Incompatible Materials: Avoid contact with acid.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: T N

Indication of Danger: Toxic. Dangerous for the environment.

R: 23/25 50/53

Risk Statements: Toxic by inhalation and if swallowed. Very

toxic to aquatic organisms, may cause long-term adverse effects

in the aquatic environment.

S: 20/21 28 45 60 61

Safety Statements: When using do not eat, drink, or smoke. After

contact with skin, wash immediately with plenty of water. In

case of accident or if you feel unwell, seek medical advice

immediately (show the label where possible). This material and

its container must be disposed of as hazardous waste. Avoid

release to the environment. Refer to special instructions/safety

data sheets.

Immediately Dangerous to Life and Health 35 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.