# MERCAPTO METHYLIMIDAZOLE (2:1-) CAS # 60560 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 A . . . E . . . . . K L

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

SPECIAL CARCINOGEN - DESIGNATED AREA MAY BE REQUIRED

CHRONIC TOXICITY RISK INDEX ++ - TD50 1.1 mg/Kg

ACUTE TOXICTY RISK INDEX 2.3 - LD50 2250.0 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

skin: May cause allergic skin reaction.

TARGET ORGAN(S) OR SYSTEM(S)

Thyroid. Blood.

SIGNS AND SYMPTOMS OF EXPOSURE

Exposure can cause rashes, nausea, headache, gastrointestinal

upset, sore throat, fever, and blood effects.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

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 Sulfur oxides

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.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 43 62 63

Risk Statements: May cause sensitization by skin contact.

Possible risk of impaired fertility. Possible risk of harm to

the unborn child.

S: 26 27 36 45

Safety Statements: In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice. Take

off immediately all contaminated clothing. Wear suitable

protective clothing. 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.