# MERCAPTOBENZIMIDAZOLE (2-) CAS # 583391

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 . . . . . . . . . J K .

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

ACUTE TOXICTY RISK INDEX 3.2 - LD50 300.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

Inhalation: Material is irritating to mucous membranes and upper

respiratory tract.

Multiple Routes: May be harmful by inhalation, ingestion, or

skin absorption. Causes eye and skin irritation.

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 # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents, Strong bases.

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Hydrogen cyanide 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. STORAG Suitable: Keep tightly closed.

Store in a cool dry place.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 20/21/22 36/37/38

Risk Statements: Harmful by inhalation, in contact with skin and

if swallowed. Irritating to eyes, respiratory system and skin.

S: 26 36

Safety Statements: In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice. Wear

suitable protective clothing.

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.