# MALATHION CAS # 142702361

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 . . . I . K L

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

SOLVENT NARCOTIC OR NEUROTOXIN

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes skin irritation.

Inhalation: May be fatal if inhaled.

Multiple Routes: Vapor or mist is irritating to the eyes, mucous

membranes, and upper respiratory tract. Harmful if swallowed or

absorbed through skin.

SENSITIZATION

skin: May cause allergic skin reaction.

TARGET ORGAN(S) OR SYSTEM(S)

Bone marrow. Heart. Nerves.

SIGNS AND SYMPTOMS OF EXPOSURE

Nausea, headache, and vomiting. This material is a

cholinesterase inhibitor. Other symptoms include abdominal

cramps, diarrhea, tight chest, and miosis. Ataxia. Exposure can

cause:

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD:

INCOMPATIBILITIES:Strong oxidizing agents.

FIRE EXTINGUISHER: Noncombustible. Use extinguishing media appropriate to

surrounding fire conditions.

TOXIC EMISSIONS WHEN BURNED: Phosphorous oxides Sulfur oxides

Store at 2-8°C

REACTIVE PROPERTIES

STORAGE Store at 2-8░C SPECIAL REQUIREMENTS Radioactive material.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: R-T+

Indication of Danger: Radioactive. Very toxic.

R: 60-24/25-26-43

Risk Statements: May impair fertility. Toxic in contact with

skin and if swallowed. Very toxic by inhalation. May cause

sensitization by skin contact.

S: 53-23-26-36/37/39-45

Safety Statements: Avoid exposure - obtain special instructions

before use. Do not breathe vapor. In case of contact with eyes,

rinse immediately with plenty of water and seek medical advice.

Wear suitable protective clothing, gloves, and eye/face

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

medical advice immediately (show the label where possible).

Immediately Dangerous to Life and Health 250 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.