# MANGANESE(II) ACETATE CAS # 638380

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 . . . . . . . . . . . .

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

ACUTE TOXICTY RISK INDEX 2.2 - LD50 2940.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

Inhalation: Material is irritating to mucous membranes and upper

respiratory tract.

Multiple Routes: Harmful if swallowed, inhaled, or absorbed

through skin. 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.

CONDITIONS AGGRAVATED BY EXPOSURE

Chronic manganese poisoning primarily involves the central

nervous system. Early symptoms include languor, sleepiness and

weakness in the legs. A stolid mask-like appearance of the face,

emotional disturbances such as uncontrollable laughter and a

spastic gait with tendency to fall in walking are findings in

more advanced cases. High incidence of pneumonia has been found

in workers exposed to the dust or fume of some manganese

compounds.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD:

INCOMPATIBILITIES:Strong oxidizing agents.

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

appropriate foam.

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 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 40

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

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

Limited evidence of a carcinogenic effect.

S: 26 27 36/37/39

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, gloves, and eye/face protection.

Immediately Dangerous to Life and Health 500 mg/m3

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .63 mg/m3

DOE Short Term Exposure Limit 9.45 mg/m3

DOE Ceiling Limit 15.7 mg/m3

Immediately Dangerous to Life and Health 500 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.