# ACETIC ACID CAS # 64197

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) 3 2 0

ACUTE TOXICTY RISK INDEX 2.2 - LD50 3310.0 mg/Kg

INHALATION HAZARD

INHALATION RISK INDEX 2.2 - 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.

TARGET ORGAN(S) OR SYSTEM(S)

Teeth. Kidneys.

SIGNS AND SYMPTOMS OF EXPOSUR To the best of our knowledge, the chemical,

physical, and

toxicological properties have not been thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

VAPOR PRESSURE 11.4 mm Hg @ 20 °C

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

d - Organic Acid/Flammable/Toxic

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents.

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

appropriate foam.

REACTIVE PROPERTIES

HANDLING: Avoid inhalation. Avoid contact with eyes, skin, and clothing.

Avoid prolonged or repeated exposure. STORAGE: Keep tightly closed.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: C

Indication of Danger: Corrosive.

R: 10-35

Risk Statements: Flammable. Causes severe burns.

S: 23-26-45

Safety Statements: Do not breathe vapor. In case of contact with

eyes, rinse immediately with plenty of water and seek medical

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

advice immediately (show the label where possible).

Immediately Dangerous to Life and Health 50 ppm

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 5 ppm

DOE Short Term Exposure Limit 5 ppm

DOE Ceiling Limit 35 ppm

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.