# AMINOETHYL PIPERAZINE CAS # 140318

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 . . . . E . . . . . . L

NFPA HAZARD CODES (H,F,R,O) 2 2 0

ACUTE TOXICTY RISK INDEX 2.4 - LD50 2140.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes burns.

skin Absorption: Harmful if absorbed through skin. Readily

absorbed through skin.

Eye Contact: Causes burns.

Inhalation: Material is extremely destructive to the tissue of

the mucous membranes and upper respiratory tract. Harmful if

inhaled. Ingestion: May be harmful if swallowed.

SENSITIZATION

skin: May cause allergic skin reaction.

SIGNS AND SYMPTOMS OF EXPOSURE

Material is extremely destructive to tissue of the mucous

membranes and upper respiratory tract, eyes, and skin.

Inhalation may result in spasm, inflammation and edema of the

larynxand bronchi, chemical pneumonitis, and pulmonary edema.

Symptoms of exposure may include burning sensation, coughing,

wheezing, laryngitis, shortness of breath, headache, nausea, and

vomiting.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

Ccombustible

VAPOR PRESSURE .0500 mm Hg @ 20 °C

FLASH POINT 197.6 °F

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Oxidizing agents.

FIRE EXTINGUISHER: Carbon dioxide, dry chemical powder, or appropriate foam.

TOXIC EMISSIONS WHEN BURNED: and nitrogen oxides

REACTIVE PROPERTIES

HANDLING: Do not breathe vapor. Do not get in eyes, on skin, on 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: 21/22 34 43 52/53

Risk Statements: Harmful in contact with skin and if swallowed.

Causes burns. May cause sensitization by skin contact. Harmful

to aquatic organisms, may cause long-term adverse effects in the

aquatic environment.

S: 26 36/37/39 45 61

Safety Statements: 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). Avoid release to

the environment. Refer to special instructions/safety data

sheets.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 2.5 mg/m3

DOE Short Term Exposure Limit 7.5 mg/m3

DOE Ceiling Limit 50 mg/m3

Immediately Dangerous to Life and Health 500 mg/m3AMINOETHYL PIPERAZINE

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.