# ALLYLAMINE CAS # 107119

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 . G . . J K .

NFPA HAZARD CODES (H,F,R,O) 4 4 1

ACUTE TOXICTY RISK INDEX 3.7 - LD50 102.0 mg/Kg

INHALATION HAZARD INHALATION RISK INDEX 4.3 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes burns.

skin Absorption: May be fatal if absorbed through skin. Readily

absorbed through skin.

Eye Contact: Causes burns. Lachrymator.

Inhalation: Toxic if inhaled. Material is extremely destructive

to the tissue of the mucous membranes and upper respiratory

tract.

Ingestion: Toxic if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Cardiovascular system.

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

Flammable

VAPOR PRESSURE 211.5 mm Hg @ 20 °C

FLASH POINT -20.2 °F

Store in an explosion-proof refrigerator or tightly stoppered in a

well-ventilated area

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: IGNITABLE TOXIC

INCOMPATIBILITIES:Acids, Oxidizing agents, Chlorine, Hypochlorites,

Halogens, Chemically active metals.

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

TOXIC EMISSIONS WHEN BURNED: 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. Keep away

from heat, sparks, and open flame\. SPECIAL REQUIREMENTS Store under inert

gas.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: F T N

Indication of Danger: Highly Flammable. Toxic. Dangerous for the

environment.

R: 11 23/24/25 51/53

Risk Statements: Highly flammable. Toxic by inhalation, in

contact with skin and if swallowed. Toxic to aquatic organisms,

may cause long-term adverse effects in the aquatic environment.

S: 9 16 24/25 45 61

Safety Statements: Keep container in a well-ventilated place.

Keep away from sources of ignition - no smoking. Avoid contact

with skin and eyes. 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 .125 ppm

DOE Short Term Exposure Limit .42 ppm

DOE Ceiling Limit 3.3 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.