# ALLYL ISOCYANATE CAS # 1476239

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 . . . . . . . . . J K L

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

ACUTE TOXICTY RISK INDEX 3.4 - LD50 178.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

Multiple Routes: Harmful if swallowed, inhaled, or absorbed

through skin. Vapor or mist is irritating to the eyes, mucous

membranes, and upper respiratory tract.

SENSITIZATION

Sensitization: May cause allergic reaction.

SIGNS AND SYMPTOMS OF EXPOSURE

Prolonged contact can cause: Nausea, dizziness, and headache.

Lung irritation, chest pain, and edema which may be fatal.

Repeated exposure may cause asthma. To the best of our

knowledge, the chemical, physical, and toxicological properties

have not been thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

Ccombustible

FLASH POINT 109.4 °F

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: IGNITABLE TOXIC

INCOMPATIBILITIES:Water, Alcohols, Strong bases, Amines, Acids, Strong

oxidizing agents.

FIRE EXTINGUISHER: Carbon dioxide. Dry chemical powder.

Store at 2-8°C

May develop pressure. Open carefully.

Keep tightly closed. Keep away from heat and open flame.

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 and open flame. Store at 2-8░C SPECIAL REQUIREMENTS May develop

pressure. Open carefully.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 36/37/38 42

Risk Statements: Irritating to eyes, respiratory system and

skin. May cause sensitization by inhalation.

S: 23 26 36/37/39 45

Safety Statements: 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).

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.