# ALLYL CHLOROFORMATE CAS # 2937500

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 . . G . . J K .

NFPA HAZARD CODES (H,F,R,O) 3 3 0

ACUTE TOXICTY RISK INDEX 5 - LD50 244.0 mg/Kg

INHALATION HAZARD INHALATION RISK INDEX 4.0 - LC50 7.2

ROUTE OF EXPOSURE

skin Contact: Causes burns.

skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes burns. Lachrymator.

Inhalation: Material is extremely destructive to the tissue of

the mucous membranes and upper respiratory tract. May be fatal

if inhaled.

Ingestion: Harmful if swallowed.

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 189.7 mm Hg @ 20 °C

FLASH POINT 87.8 °F

Forms ignitable mixtures in air at room temperature - Danger of remote

ignition and flashback

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: IGNITABLE TOXIC

INCOMPATIBILITIES:Amines, Alcohols, Strong bases, Acids.

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

Do not use water.

TOXIC EMISSIONS WHEN BURNED: Phosgene gasHydrogen chloride gas

Store at 2-8°C

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

Vent periodically.

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. Store at 2-8░C SPECIAL REQUIREMENTS

Vent periodically.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: T+

Indication of Danger: Very toxic.

R: 10-22-26-34

Risk Statements: Flammable. Harmful if swallowed. Very toxic by

inhalation. Causes burns.

S: 26-28-36/37/39-45

Safety Statements: In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice. After

contact with skin, wash immediately with plenty of water. 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).

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .01 ppm

DOE Short Term Exposure Limit .03 ppm

DOE Ceiling Limit .15 ppm

Immediately Dangerous to Life and Health .15 ppmALLYL CHLOROFORMATE

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.