# ALLYL BROMIDE CAS # 106956

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 3.6 - LD50 120.0 mg/Kg

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50 4110.0

ROUTE OF EXPOSURE

skin Contact: Causes burns.

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

Eye Contact: Causes burns.

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)

Liver. Kidneys.

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. To the best of our knowledge, the chemical, physical,

and toxicological properties have not been thoroughly

investigated. Depending on the intensity and duration of

exposure, effects may vary from mild irritation to severe

destruction of tissue.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

Flammable

FLASH POINT 30.2 °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:Strong oxidizing agents, Strong bases.

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

TOXIC EMISSIONS WHEN BURNED: Hydrogen bromide gas

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.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION Symbol of Danger: F T N

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

environment.

R: 11 23/25 34 50

Risk Statements: Highly flammable. Toxic by inhalation and if

swallowed. Causes burns. Very toxic to aquatic organisms.

S: 16 26 36/37/39 45 60 61

Safety Statements: Keep away from sources of ignition - no

smoking. 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). This material and its container

must be disposed of as hazardous waste. Avoid release to the

environment. Refer to special instructions/safety data sheets.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 4 ppm

DOE Short Term Exposure Limit 12.5 ppm

DOE Ceiling Limit 75 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.