# ALLYLMAGNESIUM CHLORIDE CAS # 2622051 HAZARDOUS CHEMICAL OF CONCERN

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 . . . . . . G . . . . L

NFPA HAZARD CODES (H,F,R,O) 3 3 2 W

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes burns.

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

Eye Contact: Causes burns.

Inhalation: Material is extremely destructive to the tissue of

the mucous membranes and upper respiratory tract. May be harmful

if inhaled.

Ingestion: Harmful if swallowed.

SENSITIZATION

Sensitization: Prolonged or repeated exposure may cause allergic

reactions in certain sensitive individuals.

TARGET ORGAN(S) OR SYSTEM(S)

Central nervous system. Liver. Kidneys.

SIGNS AND SYMPTOMS OF EXPOSURE

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

toxicological properties have not been thoroughly investigated.

Symptoms of exposure may include burning sensation, coughing,

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

vomiting. Inhalation may result in spasm, inflammation and edema

of the larynxand bronchi, chemical pneumonitis, and pulmonary

edema. Material is extremely destructive to tissue of the mucous

membranes and upper respiratory tract, eyes, and skin.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

Flammable

Explosive

FLASH POINT 1.4 °F

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

well-ventilated area

Forms explosive unstable peroxides

Test periodically or discard

Reacts violently with water

SEGREGATION: SHELF # 3

STORAGE GROUP(S):

b - Pyrophoric/Water Reactive

k - Explosive/Unstable

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: IGNITABLE REACTIVE TOXIC

INCOMPATIBILITIES:Acids, Alcohols, Oxidizing agents, Water.

FIRE EXTINGUISHER: Dry chemical powder. Do not use water.

TOXIC EMISSIONS WHEN BURNED: Hydrogen chloride gas Carbon monoxide

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-C

Indication of Danger: Highly Flammable. Corrosive.

R: 11-14/15-34

Risk Statements: Highly flammable. Reacts violently with water,

liberating extremely flammable gases. Causes burns.

S: 7/8-16-26-36/37/39-43-45

Safety Statements: Keep container tightly closed and dry. 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 fire, use dry powder. Never use

water. 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.