# MAGNESIUM CHLORIDE CAS # 7786303

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 . . . . . . . . I . . .

NFPA HAZARD CODES (H,F,R,O) 1 0 0

ACUTE TOXICTY RISK INDEX 2.2 - LD50 2800.0 mg/Kg

SOLVENT NARCOTIC OR NEUROTOXIN

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: May cause skin irritation.

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

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be

irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Central nervous system. Kidneys. G.I. System.

SIGNS AND SYMPTOMS OF EXPOSUR Can cause CNS depression. Exposure can cause:

Stomach pains,

vomiting, diarrhea. To the best of our knowledge, the chemical,

physical, and toxicological properties have not been thoroughly

investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD:

INCOMPATIBILITIES:Strong oxidizing agents.

FIRE EXTINGUISHER: Water spray. Carbon dioxide, dry chemical powder, or

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Hydrogen chloride gas Magnesium oxide

REACTIVE PROPERTIES

HANDLING: Avoid inhalation. Avoid contact with eyes, skin, and clothing.

Avoid prolonged or repeated exposure. STORAGE: Keep tightly closed. Store

under nitrogen\. SPECIAL REQUIREMENTS Store under inert gas. Hygroscopic.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

S: 22 24/25

Safety Statements: Do not breathe dust. Avoid contact with skin

and eyes.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 10 mg/m3

DOE Short Term Exposure Limit 30 mg/m3

DOE Ceiling Limit 50 mg/m3

Immediately Dangerous to Life and Health 500 mg/m3

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.