# MAGNESIUM HYDROXIDE CAS # 1309428

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 . . . . . . . . . . . .

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

ACUTE TOXICTY RISK INDEX 1.8 - LD50 8500.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes skin irritation.

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

Inhalation: Material is irritating to mucous membranes and upper

respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

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: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents, Strong acids.

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

TOXIC EMISSIONS WHEN BURNED: OSITION PRODUCTS not known HAZARDOUS POLYM

REACTIVE PROPERTIES

HANDLING: Do not breathe dust. Avoid contact with eyes, STORAGE: Keep tightly

closed.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xi

R: 36/37/38

Risk Statements: Irritating to eyes, respiratory system and skin.

S: 26 36

Safety Statements: In case of contact with eyes, rinse

suitable protective clothing.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 75 mg/m3

DOE Short Term Exposure Limit 200 mg/m3

DOE Ceiling Limit 500 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.