# AMMONIUM NICKEL(II) SULFATE HEXAHYDRATE CAS # 7785208 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 . . . . E . . . . J K L

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

ACUTE TOXICTY RISK INDEX 3.1 - LD50 399.0 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.

Eye Contact: Causes eye irritation.

Inhalation: May be harmful if inhaled. Material is irritating to

mucous membranes and upper respiratory tract.

Ingestion: Harmful if swallowed.

SENSITIZATION

Sensitization: Causes dermatitis.

Respiratory: May cause allergic respiratory reaction.

skin: May cause allergic skin reaction.

TARGET ORGAN(S) OR SYSTEM(S)

Lungs.

SIGNS AND SYMPTOMS OF EXPOSURE

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:Materials to Avoid: S

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Sulfur oxides Ammonia Nickel/nickel oxides

REACTIVE PROPERTIES

HANDLING: Do not breathe dust. Do not get in eyes, on skin, on clothing.

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

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: T

Indication of Danger: Toxic.

R: 45 22 42/43

Risk Statements: May cause cancer. Also harmful if swallowed.

May cause sensitization by inhalation and skin contact.

S: 53 22 36/37 45

Safety Statements: Avoid exposure - obtain special instructions

before use. Do not breathe dust. Wear suitable protective

clothing and gloves. In case of accident or if you feel unwell,

seek medical advice immediately (show the label where possible).

Immediately Dangerous to Life and Health 10 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.