# AMMONIUM METAVANADATE CAS # 7803556

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 . . . . I J K .

NFPA HAZARD CODES (H,F,R,O) 4 0 0

ACUTE TOXICTY RISK INDEX 5 - LD50 58.1 mg/Kg

SOLVENT NARCOTIC OR NEUROTOXIN

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50 7.8

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 fatal if inhaled. Material is irritating to

mucous membranes and upper respiratory tract.

Ingestion: Toxic if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Central nervous system.

SIGNS AND SYMPTOMS OF EXPOSURE

Exposure can cause: Headache. Tremors. 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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides Ammonia Vanadium/vanadium

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\. SPECIAL

REQUIREMENTS Moisture sensitive.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: T+

Indication of Danger: Very toxic.

R: 25 26 36/37/38

Risk Statements: Toxic if swallowed. Very toxic by inhalation.

Irritating to eyes, respiratory system and skin.

S: 26 36/37/39 45

Safety Statements: 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).

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .0322 mg/m3

DOE Short Term Exposure Limit .0965 mg/m3

DOE Ceiling Limit .322 mg/m3

Immediately Dangerous to Life and Health 3.5 mg/m3AMMONIUM METAVANADATE

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.