# AMMONIUM CHROMATE CAS # 7788989 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 . . H . J K L

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

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

Multiple Routes: Harmful if swallowed, inhaled, or absorbed

through skin. High concentrations are extremely destructive to

tissues of the mucous membranes and upper respiratory tract,

eyes, and skin.

TARGET ORGAN(S) OR SYSTEM(S)

Lungs. 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.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

Oxidizing Agent

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

e - Oxidizer/Organic Peroxide

WASTE CHARACTERISTIC HAZARD:

INCOMPATIBILITIES:Strong acids, Organic materials, Finely powdered metals.

FIRE EXTINGUISHER: Noncombustible. Use extinguishing media appropriate

tosurrounding fire conditions.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides Ammonia

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. Store in

a cool dry place. Unsuitable: Do not store near, nor allow contact with,

clothing and other combustible material.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: O T N

Indication of Danger: Oxidizing. Toxic. Dangerous for the

environment.

R: 49 8 43 50/53

Risk Statements: May cause cancer by inhalation. Contact with

combustible material may cause fire. May cause sensitization by

skin contact. Very toxic to aquatic organisms, may cause

long-term adverse effects in the aquatic environment.

S: 53 17 45 60 61 Safety Statements: Avoid exposure - obtain special

instructions

before use. Keep away from combustible material. In case of

accident or if you feel unwell, seek medical advice immediately

(show the label where possible). This material and its container

must be disposed of as hazardous waste. Avoid release to the

environment. Refer to special instructions/safety data sheets.

Immediately Dangerous to Life and Health 15 mg/m3

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .0146 mg/m3

DOE Short Term Exposure Limit .438 mg/m3

DOE Ceiling Limit 7.5 mg/m3

Immediately Dangerous to Life and Health 43.9 mg/m3AMMONIUM CHROMATE

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.