# AMMONIUM PEROXODISULFATE CAS # 7727540

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 1 OX

ACUTE TOXICTY RISK INDEX 2.8 - LD50 689.0 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: May cause allergic reaction.

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

Oxidizing Agent

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

e - Oxidizer/Organic Peroxide

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong reducing agents, Organic materials, Finely powdered

metals.

FIRE EXTINGUISHER: Carbon dioxide, dry chemical powder, or appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides Sulfur oxides

REACTIVE PROPERTIES

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

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

from combustible materials, heat, sparks, and open flame\. SPECIAL

REQUIREMENTS Moisture sensitive.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: O Xn

Indication of Danger: Oxidizing. Harmful.

R: 8 22 36/37/38 42/43

Risk Statements: Contact with combustible material may cause

fire. Harmful if swallowed. Irritating to eyes, respiratory

system and skin. May cause sensitization by inhalation and skin

contact.

S: 22 24 26 37

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

In case of contact with eyes, rinse immediately with plenty of

water and seek medical advice. Wear suitable gloves.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .1 mg/m3

DOE Short Term Exposure Limit .3 mg/m3

DOE Ceiling Limit 20 mg/m3

Immediately Dangerous to Life and Health 100 mg/m3AMMONIUM

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.