# ACETYL CHLORIDE CAS # 75365 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 . . . D . . G . . J K .

NFPA HAZARD CODES (H,F,R,O) 3 3 1 W

ACUTE TOXICTY RISK INDEX 2.7 - LD50 910.0 mg/Kg

INHALATION HAZARD INHALATION RISK INDEX 4.0 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes burns.

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

Eye Contact: Causes burns.

Inhalation: May be harmful if inhaled. Material is extremely

destructive to the tissue of the mucous membranes and upper

respiratory tract.

Ingestion: Harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

Material is extremely destructive to tissue of the mucous

membranes and upper respiratory tract, eyes, and skin.

Inhalation may result in spasm, inflammation and edema of the

larynxand bronchi, chemical pneumonitis, and pulmonary edema.

Symptoms of exposure may include burning sensation, coughing,

wheezing, laryngitis, shortness of breath, headache, nausea, and

vomiting. To the best of our knowledge, the chemical, physical,

and toxicological properties have not been thoroughly

investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

Flammable

VAPOR PRESSURE 604.4 mm Hg @ 20 °C

FLASH POINT 41 °F

Forms ignitable mixtures in air at room temperature - Danger of remote

ignition and flashback

Reacts violently with water

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

b - Pyrophoric/Water Reactive

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: IGNITABLE REACTIVE TOXIC

INCOMPATIBILITIES:Water, Alcohols, Oxidizing agents, Strong

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 heat, sparks, and open flame. Store in a cool dry place\. Incompatible

Materials: Do not allow contact with water Special REQUIREMENTS Readily

hydrolyzed. Handle and store under inert gas.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: F C

Indication of Danger: Highly Flammable. Corrosive.

R: 11 14 34

Risk Statements: Highly flammable. Reacts violently with water.

Causes burns.

S: 9 16 26 45

Safety Statements: Keep container in a well-ventilated place.

Keep away from sources of ignition - no smoking. In case of

contact with eyes, rinse immediately with plenty of water and

seek medical advice. 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 .0025 ppm

DOE Short Term Exposure Limit .0075 ppm

DOE Ceiling Limit .05 ppm

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.