# ACETYLCHOLINE CHLORIDE CAS # 60311

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 . . . . . . G . I . . .

NFPA HAZARD CODES (H,F,R,O) 2 0 0

ACUTE TOXICTY RISK INDEX 2.3 - LD50 2500.0 mg/Kg

SOLVENT NARCOTIC OR NEUROTOXIN

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: Material is irritating to mucous membranes and uppe

respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Vascular system. Heart. Central nervous system. Smooth muscle.

Skeletal muscle. Adrenal medulla.

SIGNS AND SYMPTOMS OF EXPOSURE

Symptoms of exposure may include burning sensation, coughing,

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

vomiting. Spastic paralysis

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents.

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides Hydrogen chloride gas

Store at -20°C

Very hygroscopic. Store under inert gas.

Keep tightly closed. Store under nitrogen.

REACTIVE PROPERTIES

HANDLING: Do not breathe dust. Avoid contact with eyes, skin, and clothing.

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

under nitrogen\. Store at -20░C SPECIAL REQUIREMENTS Very hygroscopic. Store

under inert gas.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xi

Indication of Danger: Irritant.

R: 36/37/38

Risk Statements: Irritating to eyes, respiratory system and skin.

S: 26

Safety Statements: In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice.

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.