# ACRIDINE CAS # 260946

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 . . L

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

ACUTE TOXICTY RISK INDEX 2.4 - LD50 2000.0 mg/Kg

SOLVENT NARCOTIC OR NEUROTOXIN

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.

SENSITIZATION

Sensitization: Causes photosensitiveity. Exposure to light can

result in allergic reactions resulting in dermatologic lesions,

which can vary from sunburnlike responses to edematous,

vesiculated lesions, or bullae

TARGET ORGAN(S) OR SYSTEM(S)

Damage to the eyes. Nerves. Blood. Eyes.

SIGNS AND SYMPTOMS OF EXPOSURE

Symptoms of exposure may include burning sensation, coughing,

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

vomiting. Absorption into the body leads to the formation of

methemoglobin which in sufficient concentration causes cyanosis.

Onset may be delayed 2 to 4 hours or longer. Exposure can cause:

Damage to the eyes. To the best of our knowledge, the chemical,

physical, and toxicological properties have not been thoroughly

investigated.

CONDITIONS AGGRAVATED BY EXPOSUR Causes sneezing. Do not inhale.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

VAPOR PRESSURE .000500 mm Hg @ 20 °C

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD:

INCOMPATIBILITIES:Strong oxidizing agents.

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

Water spray.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides

REACTIVE PROPERTIES

HANDLIN User Exposure: 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.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 22

Risk Statements: Harmful if swallowed.

S: 22 36

Safety Statements: Do not breathe dust. Wear suitable protective

clothing.

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.