# ANILINE HYDROCHLORIDE CAS # 142041

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 E F G . . J K L

NFPA HAZARD CODES (H,F,R,O) 2 1 0

ACUTE TOXICTY RISK INDEX 2.8 - LD50 840.0 mg/Kg

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: May cause skin irritation.

skin Absorption: Toxic if absorbed through skin.

Eye Contact: Causes severe eye irritation.

Inhalation: Toxic if inhaled. Material may be irritating to

mucous membranes and upper respiratory tract.

Ingestion: Toxic if swallowed.

SENSITIZATION

skin: May cause allergic skin reaction.

TARGET ORGAN(S) OR SYSTEM(S)

Blood. Central nervous system. Bladder.

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.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

Ccombustible

FLASH POINT 381.2 °F

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: TOXIC CORROSIVE

INCOMPATIBILITIES:Strong oxidizing agents.

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Hydrogen chloride gas Nitrogen oxides

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\. SPECIAL

REQUIREMENTS Light sensitive.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: T-N

Indication of Danger: Toxic. Dangerous for the environment.

R: 23/24/25-40-41-43-48/23/24/25-68-50

Risk Statements: Toxic by inhalation, in contact with skin and

if swallowed. Limited evidence of a carcinogenic effect. Risk of

serious damage to eyes. May cause sensitization by skin contact.

Toxic: danger of serious damage to health by prolonged exposure

through inhalation, in contact with skin and if swallowed.

Possible risk of irreversible effects. Very toxic to aquatic

organisms.

S: 26-27-36/37/39-45-61-63

Safety Statements: In case of contact with eyes, rinse

immediately with plenty of water and seek medical advice. Take

off immediately all contaminated clothing. Wear suitable

protective clothing, gloves, and eye/face protection. In case of

accident or if you feel unwell, seek medical advice immediately

(show the label where possible). Avoid release to the environment. Refer

to special instructions/safety data sheets.

In case of accident by inhalation: remove casualty to fresh air

and keep at rest.

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.