# ANISIDINE (PARA-) CAS # 104949

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 . . . . . J K L

NFPA HAZARD CODES (H,F,R,O) 3 1 0

ACUTE TOXICTY RISK INDEX 2.6 - LD50 1320.0 mg/Kg

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: May cause skin irritation.

skin Absorption: May be fatal if absorbed through skin.

Eye Contact: May cause eye irritation.

Inhalation: May be fatal if inhaled. Material may be irritating

to mucous membranes and upper respiratory tract.

Ingestion: May be fatal if swallowed.

SENSITIZATION

Sensitization: Prolonged or repeated exposure may cause allergic

reactions in certain sensitive individuals.

TARGET ORGAN(S) OR SYSTEM(S)

Blood.

SIGNS AND SYMPTOMS OF EXPOSURE

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 251.6 °F

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

a - Organic Base/Flammable/Toxic

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Materials to Avoid: S

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides

Store at 2-8°C

Keep tightly closed.

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. Store at

2-8░C

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: T+ N

Indication of Danger: Very toxic. Dangerous for the environment.

R: 45 26/27/28 33 50

Risk Statements: May cause cancer. Very toxic by inhalation, in

contact with skin and if swallowed. Danger of cumulative

effects. Very toxic to aquatic organisms.

S: 53 28 36/37 45 61

Safety Statements: Restricted to professional users. Attention -

Avoid exposure - obtain special instructions before use. After

contact with skin, wash immediately with plenty of soap-suds.

Wear suitable protective clothing and gloves. 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.

Immediately Dangerous to Life and Health 50 mg/m3

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .5 mg/m3

DOE Short Term Exposure Limit 1.5 mg/m3

DOE Ceiling Limit 2.5 mg/m3

Immediately Dangerous to Life and Health 50 mg/m3ANISIDINE (PARA-) CAS

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.