# ANISIDINE (ORTHO-) CAS # 90040 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 E . . . I J K L

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

ACUTE TOXICTY RISK INDEX 2.6 - LD50 1150.0 mg/Kg

NEUROTOXIC - RISK INDEX 5.0

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes skin irritation.

skin Absorption: Toxic if absorbed through skin.

Eye Contact: Causes eye irritation.

Inhalation: Toxic if inhaled. Material may be irritating to

mucous membranes and upper respiratory tract. Material is

irritating to mucous membranes and upper respiratory tract.

Ingestion: Toxic if swallowed.

SENSITIZATION

Respiratory: May cause allergic respiratory reaction.

skin: May cause allergic skin reaction.

TARGET ORGAN(S) OR SYSTEM(S)

Blood.

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and

toxicological properties have not been thoroughly investigated.

May cause cyanosis (blue-gray coloring of skin and lips caused

by lack of oxygen).

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Liquid

Ccombustible

VAPOR PRESSURE .0475 mm Hg @ 20 °C

FLASH POINT 212 °F

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

a - Organic Base/Flammable/Toxic

l - Flammable/Combustible Solvent

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents.

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

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. Store in

a cool dry place. Store under nitrogen\. SPECIAL REQUIREMENTS Store under

inert gas.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: T

Indication of Danger: Toxic.

R: 45 23/24/25 68

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

contact with skin and if swallowed. Also possible risks of

irreversible effects.

S: 53 45

Safety Statements: Restricted to professional users. Attention -

Avoid exposure - obtain special instructions before use. In case

of accident or if you feel unwell, seek medical advice

immediately (show the label where possible).

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 (ORTHO-)

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.