# AMINOPHENOL (PARA-) CAS # 123308

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 . . . . E . . . . J K L

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

ACUTE TOXICTY RISK INDEX 5 - LD50 375.0 mg/Kg

INHALATION RISK INDEX <1 - LC50 5.0

ROUTE OF EXPOSURE

skin Contact: Causes skin irritation.

skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: Causes eye irritation.

Inhalation: Harmful if inhaled. Material is irritating to mucous

membranes and upper respiratory tract.

Ingestion: Harmful if swallowed.

SENSITIZATION

Sensitization: May cause allergic reaction.

TARGET ORGAN(S) OR SYSTEM(S)

Blood. Kidneys. Central nervous system.

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. To the best of our knowledge,

the chemical, physical, and toxicological properties have not

been thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

Ccombustible

FLASH POINT 383 °F

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

l - Flammable/Combustible Solvent

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

REACTIVE PROPERTIES

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

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

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: Xn N

Indication of Danger: Harmful. Dangerous for the environment.

R: 20/22 50/53 68

Risk Statements: Harmful by inhalation and if swallowed. Very

toxic to aquatic organisms, may cause long-term adverse effects

in the aquatic environment. Possible risk of irreversible

effects.

S: 28 36/37 60 61

Safety Statements: After contact with skin, wash immediately

with plenty of polyethylene glycol. Wear suitable protective

clothing and gloves. This material and its container must be

disposed of as hazardous waste. Avoid release to the

environment. Refer to special instructions/safety data sheets.

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.