# AMINOTRIAZOLE (3,1,2,4-) CAS # 61825 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 A B . . . . . . . . . .

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

SPECIAL CARCINOGEN - DESIGNATED AREA MAY BE REQUIRED

CHRONIC TOXICITY RISK INDEX 3.7 - TD50 9.9 mg/Kg

HUMAN TERATOGEN - DESIGNATED AREA MAY BE REQUIRED

REPRODUCTIVE RISK INDEX 4.0

ACUTE TOXICTY RISK INDEX 5 - LD50 25000.0 mg/Kg

INHALATION RISK INDEX <1 - LC50 400.0

ROUTE OF EXPOSURE

skin Contact: May cause skin irritation.

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

Eye Contact: May cause eye irritation.

Inhalation: May be harmful if inhaled. Material may be

irritating to mucous membranes and upper respiratory tract.

Ingestion: May be harmful if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Thyroid. Liver. Kidneys.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

a - Organic Base/Flammable/Toxic

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents, Strong acids, Copper Iron and

iron salts.

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. Do not get in eyes, on skin, on 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: 48/22 63 51/53

Risk Statements: Harmful: danger of serious damage to health by

prolonged exposure if swallowed. Possible risk of harm to the

unborn child. Toxic to aquatic organisms, may cause long-term

adverse effects in the aquatic environment.

S: 13 36/37 61

Safety Statements: Keep away from food, drink, and animal

feedingstuffs. Wear suitable protective clothing and gloves.

Avoid release to the environment. Refer to special

instructions/safety data sheets.

OSHA REGULATORY LIMITS

OSHA Permissible Exposure Limit .2 mg/m3

ACGIH RECOMMENDED LIMITS

ACGIH Threshold Limit Value .2 mg/m3

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .2 mg/m3

DOE Short Term Exposure Limit .6 mg/m3

DOE Ceiling Limit 125 mg/m3

Immediately Dangerous to Life and Health 500 mg/m3AMINOTRIAZOLE

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.