# AZOBISAMIDINOPROPANE DIHYDROCHLORIDE (2,2':2-) CAS # 2997924

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) 0 0 0

ACUTE TOXICTY RISK INDEX 3.1 - LD50 410.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

Inhalation: Material is irritating to mucous membranes and upper

respiratory tract.

Multiple Routes: Harmful if swallowed, inhaled, or absorbed

through skin. Causes eye and skin irritation.

SENSITIZATION

Sensitization: May cause allergic reaction.

SIGNS AND SYMPTOMS OF EXPOSURE

Exposure can cause: Anorexia. Headache. Dizziness. Stomach

pains, vomiting, diarrhea. To the best of our knowledge, the

chemical, physical, and toxicological properties have not been

thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents, Strong acids.

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides Hydrogen chloride gas Ammonia

REACTIVE PROPERTIES

HANDLING: Do not breathe dust. Do not get in eyes, on skin, on clothing.

STORAGE: Keep tightly closed. Store in a cool dry place.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 22 43

Risk Statements: Harmful if swallowed. May cause sensitization

by skin contact.

S: 24 37

Safety Statements: Avoid contact with skin. Wear suitable gloves.

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.