# GIBBS REAGENT CAS # 101382 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 . . . . . . . . . J K .

NFPA HAZARD CODES (H,F,R,O) 2 0 3

ACUTE TOXICTY RISK INDEX 3 - LD50 500.0 mg/Kg

INHALATION RISK INDEX <1 - LC50

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: Material may be irritating to mucous membranes and

upper respiratory tract. May be harmful if inhaled.

Ingestion: May be harmful if swallowed.

SIGNS AND SYMPTOMS OF EXPOSURE

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

toxicological properties have not been thoroughly investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

Explosive

Shock sensitive Explosive

SEGREGATION: SHELF # 3

STORAGE GROUP(S):

a - Organic Base/Flammable/Toxic

k - Explosive/Unstable

WASTE CHARACTERISTIC HAZARD: REACTIVE TOXIC

INCOMPATIBILITIES:Oxidizing agents.

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

Water spray.

TOXIC EMISSIONS WHEN BURNED: and nitrogen oxides Hydrogen chloride gas

Store at 2-8°C

Do not grind or subject to friction or shock. Isolated storage is required.

Keep tightly closed. Keep away from heat, sparks, and open flame.

REACTIVE PROPERTIES

HANDLING: Avoid prolonged or repeated exposure. Do not breathe dust. Avoid

contact with eyes, skin, and clothing\. Container should be opened only by a

technically qualified person. Explosion: The heated solid material

decomposed violently after a temperature-dependent induction period.

Unheated material eventually exploded after storage at ambient

temperature. STORAGE: Keep tightly closed. Keep away from heat, sparks, and

open flame. Store at 2-8░C SPECIAL REQUIREMENTS Do not grind or subject to

friction or shock. Isolated storage is required.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: E-Xi

Indication of Danger: Explosive. Irritant.

R: 2-36/37/38

Risk Statements: Risk of explosion by shock, friction, fire, or

other sources of ignition. Irritating to eyes, respiratory

system and skin.

S: 15-26-36

Safety Statements: Keep away from heat. In case of contact with

eyes, rinse immediately with plenty of water and seek medical

advice. Wear suitable protective clothing.

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.