# MERCURIC BROMIDE CAS # 7789471 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 . . C D E . . . I J K .

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

EXTREMELY TOXIC - DESIGNATED AREA MAY BE REQUIRED

ACUTE TOXICTY RISK INDEX 4.1 - LD50 40.0 mg/Kg

NEUROTOXIC - RISK INDEX 4.0

INHALATION HAZARD INHALATION RISK INDEX 2.3 - LC50

ROUTE OF EXPOSURE

Inhalation: Material is irritating to mucous membranes and upper

respiratory tract.

Multiple Routes: May be fatal if inhaled, swallowed, or absorbed

through skin. Causes eye and skin irritation.

TARGET ORGAN(S) OR SYSTEM(S)

Kidneys. G.I. System. Nerves.

SIGNS AND SYMPTOMS OF EXPOSURE

Prolonged exposure can cause: Neurotoxic effects.

CONDITIONS AGGRAVATED BY EXPOSURE

May cause nervous system disturbances.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

VAPOR PRESSURE .150 mm Hg @ 20 °C

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents A mixture of this product and

sodium or potassium will explode on impact.

FIRE EXTINGUISHER: Noncombustible. Use extinguishing media appropriate

tosurrounding fire conditions.

TOXIC EMISSIONS WHEN BURNED: Mercury/mercury oxides Hydrogen bromide gas

REACTIVE PROPERTIES

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

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

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATIO Symbol of Danger: T+ N

Indication of Danger: Very toxic. Dangerous for the environment.

R: 26/27/28 33 50/53

Risk Statements: Very toxic by inhalation, in contact with skin

and if swallowed. Danger of cumulative effects. Very toxic to

aquatic organisms, may cause long-term adverse effects in the

aquatic environment.

S: 13 28 45 60 61

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

feedingstuffs. After contact with skin, wash immediately with

plenty of soap-suds. In case of accident or if you feel unwell,

seek medical advice immediately (show the label where possible).

This material and its container must be disposed of as hazardous

waste. Avoid release to the environment. Refer to special

instructions/safety data sheets.

Immediately Dangerous to Life and Health 10 mg/m3

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.