# MERCURIC IODIDE RED CAS # 7774290 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) 3 0 0

EXTREMELY TOXIC - DESIGNATED AREA MAY BE REQUIRED

ACUTE TOXICTY RISK INDEX 4.4 - LD50 18.0 mg/Kg

NEUROTOXIC - RISK INDEX 4.0

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

skin Contact: May cause skin irritation.

skin Absorption: May be fatal if absorbed through skin. Readily

absorbed through skin.

Eye Contact: May cause eye irritation.

Inhalation: May be fatal if inhaled. Material may be irritating

to mucous membranes and upper respiratory tract.

Ingestion: May be fatal if swallowed.

TARGET ORGAN(S) OR SYSTEM(S)

Kidneys. G.I. System. Nerves.

SIGNS AND SYMPTOMS OF EXPOSURE

Symptoms of exposure may include burning sensation, coughing,

wheezing, laryngitis, shortness of breath, headache, nausea, and

vomiting. Prolonged exposure can cause: Neurotoxic effects.

CONDITIONS AGGRAVATED BY EXPOSURE

May cause nervous system disturbances.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Strong oxidizing agents.

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Hydrogen iodide Mercury/mercury 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\. SPECIAL

REQUIREMENTS Light sensitive.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

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

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .0566 mg/m3

DOE Short Term Exposure Limit .17 mg/m3

DOE Ceiling Limit .227 mg/m3

Immediately Dangerous to Life and Health 22.7 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.