# MERCURIC NITRATE CAS # 10045940

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 . B C D E . . H I J . L

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

HUMAN TERATOGEN - DESIGNATED AREA MAY BE REQUIRED

REPRODUCTIVE RISK INDEX 5.3

EXTREMELY TOXIC - DESIGNATED AREA MAY BE REQUIRED

ACUTE TOXICTY RISK INDEX 4.3 - LD50 26.0 mg/Kg

NEUROTOXIC - RISK INDEX 4.0

INHALATION HAZARD INHALATION RISK INDEX <1 - LC50

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

WASTE CHARACTERISTIC HAZARD: TOXIC

FIRE EXTINGUISHER: NONCOMBUSTIBLE. USE EXTINGUISHING MEDIA APPROPRIATE TO

SURROUNDING FIRE CONDITIONS.

TOXIC EMISSIONS WHEN BURNED: T KNOWN

REACTIVE PROPERTIES

MIXTURES OF MERCURY WITH ACETYLENE, AMMONIA, CHLORINE DIOXIDE, METHYL

AZIDE,CHLORATES, NITRATES, OR HOT SULFURIC ACID CAN BE EXPLOSIVE. A MIXTURE

OFMERCURY WITH BORON PHOSPHODIIODIDE IS SPONTANEOUSLY FLAMMABLE.

REACTSVIGOROUSLY WHEN GROUND WITH SODIUM CARBIDE.

Immediately Dangerous to Life and Health 10 mg/m3

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .0405 mg/m3

DOE Short Term Exposure Limit .162 mg/m3

DOE Ceiling Limit .162 mg/m3

Immediately Dangerous to Life and Health 16.2 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.