# MANGANESE (II) NITRATE CAS # 10377669

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 . . . . . . . . . . . .

NFPA HAZARD CODES (H,F,R,O) 0 0 1 OX

INHALATION RISK INDEX <1 - LC50

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

Oxidizing Agent

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

e - Oxidizer/Organic Peroxide

WASTE CHARACTERISTIC HAZARD:

FIRE EXTINGUISHER: WATER SPRAY.

REACTIVE PROPERTIES

EXPLOSIONS HAVE OCCURRED IN MIXTURES CONTAINING ALUMINUM DUST,

NITRATES,WATER, SULFUR, AND VEGETABLE GLUES. BORON PHOSPHIDE IGNITES IN

CONCENTRATEDNITRIC ACID. ADDITION OF CYANIDES TO A MOLTEN NITRATE BATH(OR

VICE VERSA)WILL RESULT IN AN EXPLOSION. EXPLOSIVE WHEN MIXED WITH ESTERS,

STANNOUSCHLORIDE, OR PHOSPHOROUS. EXPLOSIVE WHEN HEATED WITH PHOSPHAM.

EXPLOSIVEWHEN MIXED WITH SODIUM HYPOPHOSPHITE, MOISTENED, THEN DRIED SLOWLY

OVERFLAME. EXPLOSIVE WHEN FUSED WITH THIOCYANATES.

Immediately Dangerous to Life and Health 500 mg/m3

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .651 mg/m3

DOE Short Term Exposure Limit 9.77 mg/m3

DOE Ceiling Limit 16.3 mg/m3

Immediately Dangerous to Life and Health 500 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.