# AMBERLITE CAS # 78922040

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 0

INHALATION RISK INDEX <1 - LC50

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 1

STORAGE GROUP(S):

WASTE CHARACTERISTIC HAZARD:

FIRE EXTINGUISHER: WATER SPRAY. CARBON DIOXIDE, DRY CHEMICAL POWDER OR

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: IDE SULFUR OXIDES

REACTIVE PROPERTIES

THE MAXIMUM OPERATING TEMPERATURE THAT IS RECOMMENDED IS 120 C. DRY ION

EXCHANGE RESINS EXPAND WHEN WETTED, WHICH MAY CAUSE COLUMN TO SHATTER.

NITRIC ACID AND OTHER STRONG OXIDIZING AGENTS CAN CAUSE EXPLOSIVE TYPE

REACTIONS WHEN MIXED WITH ION EXCHANGE RESINS.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit 10 mg/m3

DOE Short Term Exposure Limit 30 mg/m3

DOE Ceiling Limit 50 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.