GFS CHEMICALS, INC.
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MATERIAL SAFETY DATA SHEET

949

MERCURIC ACETATE

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Mercuric Acetate; Mercury II Acetate	6.1/II	Yes - Hg Cmpds.
	TSCA listed - Yes	

FORMULA	REPORTABLE QUANTITY	F.W.	CAS#
$Hg(C_2H_3O_2)_2$	227 kg	318.68	1600-27-7

PHYSICAL DATA
Melting point 180°C; Density 3.28; Water solubility 25 g/100 ml at 10°C.

APPEARANCE & ODOR
White to off-white crystalline powder. May have faint acetic acid odor.

REACTIVITY & CONDITIONS TO AVOID
Stable under normal conditions. Decomposes at high temperature with emission of mercury vapor. No hazardous self-reaction.

FIRE HAZARDS
Will volatilize in general fire. Firefighters use SCBA and protective clothing. NFPA # 3-0-0.

EXTINGUISHER	FLASHPOINT	LEL	UEL
Fight surrounding fire	N/A	N/A	N/A

HEALTH HAZARDS
Poisonous. Corrosive and irritating to skin, eyes and mucous membranes. May be fatal if swallowed. Harmful if inhaled or absorbed through the skin. Symptoms: CNS disorders, gum and mouth problems, excessive salivation, tremors, psychic disturbances. Acute: nausea, vomiting, diarrhea, kidney damage, death. LD_{50} (oral-rat) 41 mg/kg LD_{50} (skin-rat) 570 mg/kg. ACGIH TLV: TWA 0.01 mg (Hg)/m^3; STEL 0.03 mg (Hg)/m^3. OSHA PEL (ceiling) 1 mg (Hg)/m^3. NIOSH TWA 0.05 mg Hg/m^3 (REL). Experimental reproductive effects. Warning: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS
Use goggles, gloves and protective clothing. Use only with adequate ventilation or suitable respirator. Store in well sealed bottle in cool, dry area.

FIRST AID
Wash skin and eyes thoroughly with water after contact. If irritation persists, get medical attention. If swallowed, give water to drink and get immediate medical attention. Do not induce vomiting unless directed by a physician. If symptoms develop, get medical attention.

SPILLS & LEAKS
Absorb spill into suitable absorbent. Hold for mercury recovery or disposal to hazardous waste site. No disposal to drains.

CATALOG #	PREPARED BY	DATE
949	MDM	July 15, 2005