GFS CHEMICALS, INC.
P.O. Box 245 Powell, OH 43065
740-881-5501(Tel.) 740-881-5989(Fax)
1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

750

LEAD STANDARD SOLUTION

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Lead Standard Solution, 1,000 ppm	8/III	Yes - Nitric, Lead
	TSCA listed - Yes	

FORMULA		REPORTABLE QUANTITY	F.W.	CAS#
$Pb(NO_3)_2$	< 0.2%	4.54 kg	331.20	10099-74-8
HNO_3	< 5%	454 kg	63.01	7647-37-1
H_2O	> 95%	N/A	18.02	7732-18-5

PHYSICAL DATA
Boiling point about 100°C; Freezing point about 0°C; completely miscible with water. Density 1.03.

APPEARANCE & ODOR
Clear liquid. Odorless.

REACTIVITY & CONDITIONS TO AVOID
Stable. Corrosive liquid. No hazardous self-reactivity. Reactive with bases and metals.

FIRE HAZARDS
May decompose in general fire. Firefighters wear SCBA. NFPA # 2-0-1

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

HEALTH HAZARDS
Corrosive and irritating to skin, eyes and mucous membranes. Consider toxic by ingestion or inhalation. Lead compounds are considered teratogenic with reproductive effects. Questionable carcinogen. OSHA PEL: TWA 0.05% mg(Pb)/m^3. ACGIH TLV: TWA 0.15 mg(Pb)/m^3. OSHA PEL/ACGIH TLV: 2 ppm (nitric acid). Warning: This product contains a chemical (lead compounds) known to the state of California to cause cancer and birth defects or other reproductive harm.

SPECIAL PRECAUTIONS
Wear goggles and rubber gloves while handling. Eye wash and emergency drench shower required in work area.

FIRST AID
Wash contact area thoroughly with water. If eye irritation persists, see a physician. If swallowed, give water to drink and DO NOT induce vomiting. Call a physician.

SPILLS & LEAKS
Contain spill. Wash up with water. Save for disposal to hazardous waste only.

CATALOG #	PREPARED BY	DATE
750	MDM	May 20, 2005