GFS CHEMICALS, INC.
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1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

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LEAD PERCHLORATE, SATURATED SOLUTION

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Lead Perchlorate, Saturated Solution	5.1/6.1/II	Yes-Pb Cmpds.
	TSCA listed - yes	

FORMULA	REPORTABLE QUANTITY	F.W.	CAS#
$Pb(ClO_4)_2$ >80%	N/A	406.10	13637-76-8
Water >20%	N/A	18.02	7732-18-5

PHYSICAL DATA
Density 2.7; Completely miscible with water.

APPEARANCE & ODOR
Clear colorless to light yellow liquid. Odorless.

REACTIVITY & CONDITIONS TO AVOID
Stable. Oxidizing material. No self-reactivity. Avoid contact with organics, especially wood, paper and organic solvents.

FIRE HAZARDS
Contact with flammable material may cause fire, especially when heated (150°C). Lead fumes may be generated if involved in a fire. Firefighters wear SCBA. NFPA # 3-0-2.

EXTINGUISHER	FLASHPOINT	LEL	UEL
Water Spray.	N/A	N/A	N/A

HEALTH HAZARDS
Poisonous internally. Symptoms of lead poisoning include abdominal pain, loss of appetite, metallic taste, nausea, insomnia, weakness, pains, irritability, headache, dizziness, pyorrhea. Not absorbed through skin. Corrosive to skin and eyes. OSHA PEL: TWA 0.05 mg (Pb)/m^3; ACGIH TLV: TWA 0.15 mg (Pb)/m^3 as dusts or fumes. Experimental reproductive effects. Suspect mutagen and teratogen. Warning: This product contains a chemical known to the state of California to cause cancer.

SPECIAL PRECAUTIONS
Use goggles and rubber gloves while handling. Store in well sealed bottle away from combustibles in a cool dry area.

FIRST AID
External: wash well with water. If eye irritation persists, get medical attention. Internal: Give water with milk of magnesia if available and get immediate medical attention. Do not induce vomiting unless directed by a physician.

SPILLS & LEAKS
Contain spill. Do not allow to reach sewers. Pick up carefully with water. Save for lead recovery or disposal to heavy metals hazardous waste site.

CATALOG #	PREPARED BY	DATE
50	MDM	July 8, 2005