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

MATERIAL SAFETY DATA SHEET

CHROMIUM PERCHLORATE, HYDRATED

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Chromium Perchlorate, Hydrated	5.1/II	Yes-Cr Cmpds.

FORMULA	F.W.	CAS#
$Cr(ClO_4)_3.6H_2O$	458.48	13537-21-8

PHYSICAL DATA
Very soluble in water.

APPEARANCE & ODOR
Nearly black crystals, usually damp. Odorless.

REACTIVITY & CONDITIONS TO AVOID
Oxidizing material, yellow label. Contact with organic matter or reducing material may cause fire or explosion.

FIRE HAZARDS
Contact with easily oxidizable material may cause fire or explosion. Avoid inhalation of fumes or smoke. Firefighters wear SCBA.

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

HEALTH HAZARDS
Very corrosive to skin and eyes. Internally toxic. Possible mutagenic or reproductive effects. Symptoms of exposure - skin or nasal lesions. LD/TD no data. PEL/TLV 0.5 (Cr) mg/m^3. Carcinogenicity: inconclusive evidence. Not on California prop 65 list.

SPECIAL PRECAUTIONS
Store away from material bearing red labels (flammables) and other organic matter including wood, paper or fabric. Use goggles and rubber gloves while handling.

FIRST AID
External: wash thoroughly with water. Eyes: wash thoroughly with water, if irritation persists, get medical attention.
Internal: Give water and milk of magnesia or sodium bicarbonate and induce vomiting. Get medical attention.

SPILLS & LEAKS
Contain spill. Wash up well with water. Disposal to hazardous waste. All localities limit quantities of chromium to sanitary drains. See local regulations.

CATALOG #	PREPARED BY	DATE
35	LM	10/18/96