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

2051

COLOR STANDARD APHA 500

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Color Standard APHA 500	8/III	No
APHA Platinum-cobalt Standard	**TSCA listed** - Yes	

FORMULA		REPORTABLE QUANTITY	F.W.	CAS#
HCl	3.7%	2270 kg	36.46	7647-01-0
H_2O	> 96%	N/A	18.02	7732-18-5
K_2PtCl_6	< 0.2%	N/A	486.01	16921-30-5
$CoCl_2 \cdot 6H_2O$	0.1%	N/A	257.93	7791-13-1

PHYSICAL DATA
Boiling point about 100°C; Density 1.02; Miscible with water or alcohol.

APPEARANCE & ODOR
Amber to brownish liquid. Odorless.

REACTIVITY & CONDITIONS TO AVOID
Stable. Dilute acid.

FIRE HAZARDS
None.

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

HEALTH HAZARDS
Irritating to skin, eyes and mucous membranes. Corrosive to eyes. LD/TD no data. OSHA PEL TWA: 5 ppm (HCl); 0.1 mg (Co)/m^3; ACGIH TLV 2 ppm (HCl); 0.02 mg (Co)/m^3. Cobalt compounds are listed as an ACGIH category A3 - animal carcinogen and IARC Group 2B - Possibly carcinogenic to humans.

SPECIAL PRECAUTIONS
Wear goggles and rubber gloves while handling.

FIRST AID
Wash contact area thoroughly with water. If eye irritation persists, see a physician. If swallowed, give water or milk and get medical attention. Do NOT induce vomiting.

SPILLS & LEAKS
Contain spill. Take up with absorbent containing soda or lime. Disposal to hazardous waste suitable for cobalt and platinum containing waste. Wash up with water.

CATALOG #	PREPARED BY	DATE
2051	MDM	April 20, 2006