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

MATERIAL SAFETY DATA SHEET

2624

DRIERITE®, 6 MESH, INDICATING

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Drierite® 6 Mesh, Indicating; Calcium Sulfate, Anhydrous, indicating;	NR	Yes; Co cmpds
	TSCA listed - Yes	

FORMULA	REPORTABLE QUANTITY	F.W.	CAS#
$CaSO_4$ 97%	N/A	136.14	7778-18-9
$CoCl_2$ 3%	N/A	128.84	7646-79-9

PHYSICAL DATA
Density 2.96; Melting point 1450°C (decomposes); Slightly soluble in water (0.25 g/l); Color changes to red after exposure to moisture and back to blue after redrying.

APPEARANCE & ODOR
Blue granules. Odorless.

REACTIVITY & CONDITIONS TO AVOID
Stable. No hazardous reactivity. Readily absorbs moisture.

FIRE HAZARDS
Decomposition products if in a general fire may include chlorine and SO_3.

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

HEALTH HAZARDS
May be irritating to skin, eyes and mucous membranes. Inhalation of dust over long periods may produce toxic effects. OSHA PEL TWA: 15 mg ($CaSO_4$)/m^3; 5 mg ($CaSO_4$ respirable fraction)/m^3; 0.1 mg (Co)/m^3; ACGIH TLV TWA: 10 mg ($CaSO_4$)/m^3; 0.02 mg (Co)/m^3. No evidence of carcinogenicity for calcium sulfate. For cobalt chloride - ACGIH category A3 - animal carcinogen; IARC Group 2B - Possibly carcinogenic to humans.

SPECIAL PRECAUTIONS
Use with adequate ventilation. Use goggles and dust mask if dust is raised. Store in well sealed container in cool dry area.

FIRST AID
Wash skin or eyes with water after contact. If eye irritation persists, see a physician. If swallowed, give milk or water and get medical attention. Do not induce vomiting unless directed by a physician.

SPILLS & LEAKS
Sweep up and discard. Wash up with water. Check local regulations for cobalt limitations.

CATALOG #	PREPARED BY	DATE
2624	MDM	February 8, 2007

Full Warranty and Limitations Statement should be reviewed at www.gfschemicals.com/terms.asp.