

Drierite EN-71596 / CH72596  
11b 51b

# MATERIAL SAFETY DATA SHEET

IDENTITY: INDICATING DRIERITE DATE PREPARED: 7-9-96  
DESCRIPTION: 1/16" TO 1/4" BLUE GRANULES

## SECTION I

MANUFACTURER'S NAME: W. A. HAMMOND DRIERITE CO., LTD  
ADDRESS: P. O. BOX 460, 138 DAYTON AVE., XENIA, OH 45385  
EMERGENCY PHONE NUMBER: (513) 376-2927  
INFORMATION PHONE NUMBER: (513) 376-2927

## SECTION II INGREDIENTS

CHEMICAL IDENTITY	%	OSHA PEL	ACGIH TLV	UNITS	C.A.S. #
CALCIUM SULFATE	97	15	10	mg/M <sup>3</sup>	7778-18-9
COBALT CHLORIDE	3	0.05*	0.05*	mg/M <sup>3</sup>	7646-79-9

\*(AS COBALT METAL)

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS)

HEALTH	FLAMMIBILITY	REACTIVITY	PROTECTIVE EQUIPMENT
1	0	1	E

## SECTION III

### PHYSICAL/CHEMICAL CHARACTERISTICS

SPECIFIC GRAVITY:(H<sub>2</sub>O=1): 1.87  
SOLUBILITY IN WATER: 0.25 GRAMS PER LITER  
MELTING POINT: 1450° C DECOMPOSES  
APPEARANCE: BLUE GRANULES; NO ODOR

## SECTION IV

### FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: NONE  
EXTINGUISHING MEDIA: NOT COMBUSTIBLE  
SPECIAL FIREFIGHTING PROCEDURES: NONE  
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE

## SECTION V REACTIVITY DATA

STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ACIDS  
HAZARDOUS DECOMPOSITION BYPRODUCTS: Cl<sub>2</sub> AT 318°; SO<sub>3</sub> @ 1450°C  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## SECTION VI HEALTH HAZARD DATA

EYES: PARTICLES MAY CAUSE IRRITATION.  
SKIN: THIS MATERIAL IS NOT TOXIC. MAY DRY OR IRRITATE SKIN  
INHALATION: MAY CAUSE AN IRRITATION OF RESPIRATORY ORGANS OF SENSITIVE PERSONS RESULTING IN THE OBSTRUCTION OF AIRWAYS WITH SHORTNESS OF BREATH.  
INGESTION: MAY CAUSE VOMITING, DIARRHEA AND SENSATION OF WARMTH  
SIGNS AND SYMPTOMS OF OVER EXPOSURE: EYE, NOSE, THROAT, OR RESPIRATORY IRRITATION

CARCINOGENICITY OF INGREDIENTS:

MATERIAL	IARC	NTP	OSHA
CALCIUM SULFATE	NOT LISTED	NOT LISTED	NOT LISTED
COBALT CHLORIDE	YES*	NO	NO

\*(COBALT & COBALT COMPOUNDS ARE CLASSIFIED AS GROUP 2B)

