

SAFETY DATA SHEET (SDS)

SECTION 1 - IDENTIFICATION

IDENTITY: INDICATING DRIERITE

DESCRIPTION: 1/16" TO 1/4" BLUE GRANULES

MANUFACTURER: W.A. HAMMOND DRIERITE CO., LTD.
P.O. BOX 460, 138 DAYTON AVE., XENIA, OHIO 45385

EMERGENCY/INFORMATION

PHONE NUMBER: 937-376-2927
www.drierite.com

SECTION 2 – HAZARD(S) IDENTIFICATION

HAZARDOUS MATERIAL IDENTIFICATION SYSTEMS (HMIS):

HEALTH

1

FLAMMABILITY

0

REACTIVITY

1

PROTECTIVE EQUIPMENT

E

EYES: Particles may cause irritation.

SKIN: This material is not toxic. May dry or irritate skin.

INHALATION: May cause an irritation or respiratory organs of sensitive persons resulting in the obstruction of air ways with shortness of breath.

INGESTION: May cause vomiting, diarrhea, and sensation of warmth.

SIGNS AND SYMPTOMS OF OVER EXPOSURE: Eyes, nose, throat, or respiratory irritation.

CARCINOGENICITY OF INGREDIENTS:

MATERIAL

ALL

COBALT CHLORIDE

IARC

NOT LISTED

YES*

NTP

NOT LISTED

NO

OSHA

NOT LISTED

NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pre-existing upper respiratory and lung disease such as but not limited to bronchitis, emphysema & asthma.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY	%	PEL (OSHA)	TLV (ACGIH)	UNITS	CAS #	TSCA #
Calcium Sulfate	>98	15	10	mg/M ³	7778-18-9	A739-8876
Cobalt Chloride	<2	0.05*	0.05*	mg/M ³	7646-79-9	A451-6434

*As Cobalt Metal

SECTION 4 – FIRST-AID MEASURES

EYES: Flush with water. If irritation continues, obtain medical attention.

DUST INHALATION: Remove to fresh air.

SKIN: Wash with water.

INGESTION: If patient is conscious, induce vomiting. Obtain medical attention.

SECTION 5 – FIRE-FIGHTING MEASURES

FLASH POINT: None

EXTINGUISHING MEDIA: Not combustible

SPECIAL FIREFIGHTING PROCEDURES: None

UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION 6 – ACCIDENTAL RELEASE MEASURES

SPILL OR LEAKAGE PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Sweep or vacuum material into appropriate waste container for disposal. Avoid dusting conditions.

SECTION 7 – HANDLING & STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep container closed. Store in cool dry place. Avoid generating dust.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Mask NIOSH/OSHA approved for dust.

VENTILATION: To meet TLV requirements.

EYES: Safety glasses or goggles.

OTHER PROTECTIVE EQUIPMENT: Gloves or protective clothing not usually necessary but may be desirable in specific work situations.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

SPECIFIC GRAVITY, (H₂O = 1): 1.87

SOLUBILITY IN WATER: 0.25 grams per bottle

MELTING POINT: 1450°C decomposes

APPEARANCE AND ODOR: Blue granules; no odor

SECTION 10 – STABILITY & REACTIVITY

STABILITY: Stable

INCOMPATIBLE (MATERIALS TO AVOID): Strong Acids

HAZARDOUS DECOMPOSITION BYPRODUCTS: SO₃ @ 1450°C Cl₂ @ 318°C

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11 – TOXICOLOGICAL INFORMATION

SEE SECTIONS 2 & 4

SECTION 13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: This material can be disposed of in accordance with procedures acceptable under federal, state, and local regulations.

SECTION 16 – OTHER INFORMATION

REFERENCES: U.S. DEPARTMENT OF LABOR – OSHA FORM APPROVED OMB NO. 1218-0072 OSHA HAZARD COMMUNICATION STANDARD-29 CFR 1910. 1200 U.S. GYPSUM CO. & SHEPARD CHEMICAL.

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