

# Safety Data Sheet

## Section 1. Substance Identity and Company Contact Information

<b>Product Name</b>	Indicating Drierite	<b>Product Part Number(s)</b>	320449, 322306, and 270470
<b>Trade Name</b>	Indicating Drierite	<b>Unit Size</b>	250 mL
<b>Company</b>	OI Analytical, P.O. Box 9010, College Station, TX 77842-9010 Phone: (979) 690-1711, Fax: (979) 690-0440		

**Emergency No. 1-800-424-9300 (Chemtrec).** Use only in the event of chemical emergencies involving spills, leaks, fire, exposure, or accidents involving chemicals.

## Section 2. Hazards Identification

**Pictogram(s)**



**Signal Word**

Danger

**Hazard Statement(s)**

May cause an allergic skin reaction. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Suspected of causing genetic defects. May cause cancer. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

**GHS Classification**

Respiratory Sensitisation Category 1, Skin Sensitisation Category 1, Carcinogenicity Category 1B, Germ Cell Mutagenicity Category 2, Hazardous to the aquatic environment - Acute Category 2, Hazardous to the aquatic environment - Chronic Category 2

## Section 3. Chemical Composition and Data on Components

<b>Ingredient</b>	<b>CAS No.</b>	<b>Percent</b>
Calcium sulfate	7778-18-9	> 98
Cobalt chloride	7646-79-9	< 2

## Section 4. First Aid Measures

<b>General Advice</b>	No data available
<b>If Inhaled</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
<b>In Case of Skin Contact</b>	Wash immediately with plenty of water.
<b>In Case of Eye Contact</b>	Rinse immediately with plenty of water and seek medical advice.
<b>If Swallowed</b>	Do not induce vomiting: seek medical advice immediately and show this container or label.
<b>Indication of Any Immediate Medical Attention and Special Treatment Needed</b>	No data available

## Section 5. Fire-fighting Measures

<b>General Information</b>	Firefighters should wear full protective equipment and NIOSH approved self contained breathing apparatus.
<b>Suitable Extinguishing Media</b>	Use media suitable to extinguish surrounding fire.
<b>Special Hazards Arising from the Substance or mixture</b>	Calcium oxides, sulfur oxides, metal oxides
<b>Advice for Firefighters</b>	No data available
<b>Flash Point</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Further Information</b>	No data available

## Section 6. Accidental Release Measures

<b>Personal Precautions, Protective Equipment, and Emergency Procedures</b>	Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum.
<b>Environmental Precautions</b>	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so.
<b>Methods and Materials for Containment and Cleaning</b>	Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation. Collect spillage.
<b>Reference to Other Sections</b>	For disposal, see Section 13.

## Section 7. Handling and Storage

<b>Precautions for Safe Handling</b>	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. In case of inadequate ventilation wear respiratory protection. Keep container tightly closed in a cool, well-ventilated place.
<b>Conditions for Safe Storage, Including any Incompatibilities</b>	Store locked up. Readily absorbs moisture from air. Storage Code: Blue - Toxic. Store separately in a secured area.
<b>Specific End Use(s)</b>	Analytical chemistry

## Section 8. Exposure Controls and Personal Protection

<b>Components with Workplace Control Parameters</b>	No data available
<b>Appropriate Engineering Controls</b>	Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure.
<b>Eye/Face Protection</b>	Wear chemical splash goggles when handling this product. Have an eye wash station available.
<b>Skin Protection</b>	Avoid skin contact by wearing chemically resistant gloves, an apron and other protective equipment depending upon conditions of use. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
<b>Body Protection</b>	Lab coat, apron, eye wash, safety shower.
<b>Respiratory Protection</b>	No respiratory protection required under normal conditions of use. Respiratory protection may be required in addition to ventilation depending upon conditions of use.
<b>Control of Environmental Exposure</b>	No data available

## Section 9. Physical and Chemical Properties

<b>Appearance</b>	Form: Powder; Color: Blue gray white to gray red
<b>Odor</b>	No data available
<b>Odor Threshold</b>	No data available
<b>pH</b>	6-7.6
<b>Melting Point/Freezing Point</b>	No data available
<b>Initial Boiling Point and Boiling Range</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate</b>	No data available
<b>Flammability (solid, gas)</b>	No data available
<b>Upper/Lower Flammability or Explosive Limits</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Relative Density</b>	No data available
<b>Water Solubility</b>	Soluble
<b>Partition Coefficient : n-octanol/water</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available
<b>Other Safety Information</b>	No data available

## Section 10. Stability and Reactivity

<b>Reactivity</b>	No data available
<b>Chemical Stability</b>	Stable
<b>Possibility of Hazardous Reactions</b>	Metal Oxides, Sulfur Oxides, Calcium Oxides
<b>Conditions to Avoid</b>	Avoid strong acids
<b>Incompatible Materials</b>	Strong oxidizing agents, Alkali and Alkaline Metals

## Section 11. Toxicological Information

<b>Routes of Exposure</b>	<i>On the skin:</i>	No data available
	<i>On the eye:</i>	No data available
	<i>Inhalation:</i>	No data available
	<i>Ingestion:</i>	No data available
<b>Respiratory or Skin Sensitization</b>	No data available	
<b>Signs and Symptoms of Overexposure</b>	No data available	
<b>Toxicity Data</b>	<i>Oral Rat</i>	No data available

## Section 12. Ecological Information

<b>General Notes</b>	Severe ecological hazard. This product may be toxic to plants and/or wildlife. Keep out of waterways.
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## Section 13. Disposal Considerations

<b>Product</b>	Dispose in accordance with all applicable Federal, State and Local regulations. Always contact a permitted waste disposer (TSD) to assure compliance.
<b>Contaminated Packaging</b>	Not determined

## Section 14. Transport Information

<b>DOT Shipping Name</b>	COBALT CHLORIDE
<b>UN Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S.
<b>DOT Hazard Class</b>	9
<b>Packing Group</b>	3
<b>UN Number</b>	3077
<b>Hazardous Ingredients</b>	No data available
<b>DOT Label</b>	No data available
<b>DOT Placard</b>	No data available

<b>IMDG Shipping Name</b>	No information available
<b>UN Number</b>	No information available
<b>Class</b>	No information available
<b>Packing Group</b>	No information available

<b>IATA Shipping Name</b>	No information available
<b>Technical Shipping Name</b>	No information available
<b>IATA Hazard Class</b>	No information available
<b>UN Number</b>	No information available
<b>Hazardous Ingredients</b>	No information available
<b>IATA Label</b>	No information available
<b>IATA Placard</b>	No data available

## Section 15. Regulatory Information

<b>OSHA Status</b>	Meets OSHA Hazard Communication Standard (29 CFR 1910.1200) definition of a hazardous material	
<b>TSCA Status</b>	Components listed on the TSCA Inventory are mixtures of listed items.	
<b>CERCLA Reportable Quantity</b>	No	
<b>SARA Title III</b>	No	
<b>RCRA Status</b>	No	
<b>California Proposition 65</b>	This product contains a chemical known to the state of California to cause cancer.	
<b>Chemical Weapons Convention</b>	No	
<b>TSCA 12 (b)</b>	Unknown	
<b>SARA 311/312</b>	Acute:	No
	Chronic:	No
	Fire:	No
	Pressure:	No
	Reactivity:	No
<b>Australian Hazchem Code</b>	No data available	
<b>Poison Schedule</b>	No data available	
<b>WHMIS</b>	No data available	

## Section 16. Other Information

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For R&D use only. Not for drug, household, or other uses.

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