

## MATERIAL SAFETY DATA SHEET

## ----- IDENTIFICATION -----

Product #: Z6276

Revision Date: 01-13-89

DRIERITE INDICATING TYPE 10-20 MESH

SIGMA  
P.O. BOX 14508  
ST. LOUIS, MO 63178  
USA

CAS #: N/A

Reference #: 800/325-3010

RTEC #: N/A

Emergency #: 314/771-5765

Molecular Formula: N/A

Hazardous Ingredients:

| COMPONENT       | CAS#      | OSHA PEL | ACGIH TLV | % |
|-----------------|-----------|----------|-----------|---|
| COBALT CHLORIDE | 1332-82-7 | 0.1MG/M3 | 0.05MG/M3 | 3 |

## ----- HEALTH HAZARD DATA -----

## Acute Effects

MAY BE HARMFUL BY INHALATION, INGESTION, OR SKIN ABSORPTION.  
CAUSES EYE AND SKIN IRRITATION.  
OVEREXPOSURE TO COBALT COMPOUNDS MAY CAUSE NOSE AND THROAT IRRITATION  
AND AN ALLERGIC SKIN RASH. IF INGESTED, MAY CAUSE VOMITING, DIARRHEA,  
AND A SENSATION OF HOTNESS. EXCESSIVE INHALATION AND/OR INGESTION OF  
COBALT SALTS MAY AFFECT THE KIDNEYS, LUNGS, AND THYROID.

## First Aid

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS.  
CALL A PHYSICIAN.  
IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER  
FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND  
SHOES. CALL A PHYSICIAN.  
IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT,  
CALL A PHYSICIAN.  
IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER  
FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING  
THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.

## Additional Information

RESPIRATORY SYSTEM CONDITIONS AND SKIN DISEASES ARE GENERALLY AGGRAVATED  
BY EXPOSURE TO THIS COMPOUND.

## ----- PHYSICAL DATA -----

Boiling Point: N/A  
Melting Point: N/A  
Specific Gravity: 1.87  
Water Solubility: SOLUBLE (0.3G/100ML)  
Alcohol Solubility: N/A  
Ether Solubility: N/A  
Appearance and Odor  
SOLID.

## ----- FIRE AND EXPLOSION HAZARD DATA -----

## Extinguishing Media

WATER SPRAY.

## Special Fire Fighting Procedures

WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO  
PREVENT CONTACT WITH SKIN AND EYES.

## Unusual Fire and Explosion Hazards

EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

## ----- REACTIVITY DATA -----

## Stability

STABLE.

## Incompatibilities

STRONG OXIDIZING AGENTS

## Hazardous Combustion or Decomposition Products

TOXIC FUMES OF:

HYDROGEN CHLORIDE GAS

## Hazardous Polymerization

WILL NOT OCCUR.

## ----- SPILL OR LEAK PROCEDURES -----

## Steps To Be Taken If Material is Released or Spilled

WEAR PROTECTIVE EQUIPMENT.

SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.

AVOID RAISING DUST.

VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

## Waste Disposal Method

BURY IN A LANDFILL SITE APPROVED FOR THE DISPOSAL OF CHEMICAL  
AND HAZARDOUS WASTES.

## --- PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE ---

## Exposure Controls/Personal Protection

NIOSH/MSHA-APPROVED RESPIRATOR.

MECHANICAL EXHAUST REQUIRED.

COMPATIBLE CHEMICAL-RESISTANT GLOVES.

CHEMICAL SAFETY GOGGLES.

## No Header Description (Used for Hazardous Label Statements)

IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN.

IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF  
WATER AND SEEK MEDICAL ADVICE.

WEAR SUITABLE PROTECTIVE CLOTHING.

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