

MATERIAL SAFETY DATA SHEET

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Emergency Telephone No.

1-800-424-9300 (ChemTrec)

SECTION I – GENERAL INFORMATION

TRADE NAME: **BASIC COPPER SULFATE**
CHEMICAL NAME: Copper Sulfate, Basic
CHEMICAL FAMILY: Copper Salt (Fungicide)
EPA REG. NO.: 19713-72
SIGNAL WORD: WARNING

SECTION II – INGREDIENTS (Class = H (Hazardous), NH (Non-Hazardous))

| <u>NAME</u> | <u>CAS NO.</u> | <u>% (by wt.)</u> | <u>TLV</u> | <u>CLASS</u> |
|----------------------|----------------|-------------------|--------------------|--------------|
| Basic Copper Sulfate | 12068-81-4 | 98.00 | 1mg/m ³ | NH |
| Inerts | N/A | 2.00 | N/A | NH |

SECTION III – PHYSICAL DATA

Boiling Point: N/A Specific Gravity: N/A
Vapor Pressure: N/A % Volatiles: N/A
Vapor Density: N/A Solubility in Water: Insoluble
pH: Neutral Appearance/Odor: Green powder, mild odor

SECTION IV – FIRE & EXPLOSION DATA

Flash Point: N/A (solid)
Extinguishing Media: Dry chemical, CO₂, Water, Spray, Foam
Fire Fighting Procedures: Assure self-contained breathing apparatus is worn. Fight fire from upwind. Prevent runoff if possible.

SECTION V – REACTIVITY DATA

Stability: Stable
Conditions to Avoid: N.K.
Incompatibility: Acids, Alkalies, Oxidizers
Hazardous Decomposition Products: Oxides of Sulfur
Hazardous Polymerization: Will not occur

SECTION VI – HEALTH HAZARD DATA

Carcinogenicity: N/A
Toxicity Data: Oral LD50 (Rat): >300 mg/kg
Dermal LD50: Moderately Toxic
TLV: 1 mg/m³
N.F.P.A.: Health: 2, Fire: 0, Reactivity: 0
(Rating: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Insignificant)
Effects of Overexposure: Inhalation of dust may cause irritation to upper respiratory tract. Ingestion may cause nausea, vomiting, gastric pain, liver and kidney damage. Do not ingest.

SECTION VII – EMERGENCY PROCEDURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious or convulsing person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product (including health concerns, or medical emergencies), call the National Pesticide Information Center at 1-800-858-7378.

SECTION VIII- SPILL OR LEAK PROCEDURES

Steps to be taken in case of material leak or spill
Assure protective equipment is worn. Sweep up spills and place in approved containers. Dike and contain spills to prevent runoff to waterways.

Waste Disposal Method
Dispose of in accordance with Local, State, and Federal Regulations.

SECTION IX – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Particulate Dust Mask
Ventilation: General recommended
Protective Gloves: Rubber impervious gloves
Eye Protection: Safety glasses or goggles
Other: Long sleeve shirt and pants, rubber boots

SECTION X – SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling & Storage
KEEP OUT OF REACH OF CHILDREN. FOLLOW LABEL DIRECTIONS CAREFULLY.
Avoid contact with skin and eyes.

D.O.T. Description: Non-Regulated
Freight Description: Agricultural Fungicide, Solid, N.O.S.
Reportable Quantity: N/A
E.R.G. Guide Sheet: N/A

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