

MATERIAL SAFETY DATA SHEET

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SECTION 1. Product and Company Identification WONDER DUST WOUND POWDER

Product Code: F-WONDER DUST
Product Name: WONDER DUST WOUND POWDER

Manufacturer Information

Company Name: Distributed by:
Farnam Companies, Inc.
301 West Osborn Road
Phoenix, AZ

Emergency Contact: CHEMTREC (800)424-9300

Alternate Emergency Contact: District of Columbia (202)483-0414

Information: Farnam Companies, Inc. (800)234-2269

Chemical Family: Compound

Additional Identity Information

31101 4-oz

SECTION 2. Composition/Information on Ingredients WONDER DUST WOUND POWDER

Hazardous Components (Chemical Name)	CAS #	Concentration	OSHA PEL	ACGIH TLV	Other Limits
CALCIUM HYDROXIDE	1305-62-0	50.0 -75.0 %	No data.	5 mg/m ³	No data.
POTASSIUM ALUM	7784-24-9	2.0 -8.0 %	No data.	No data.	No data.
Copper(II) sulfate pentahydrate	7758-99-8	10.0 -15.0 %	1.0 mg/m ³	1.0 mg/m ³	No data.
IODIFORM	75-47-8	1.0 -3.0 %	No data.	0.6 ppm	No data.
CHARCOAL (ACTIVATED)	7440-44-0	3.0 -8.0 %	No data.	No data.	No data.

SECTION 3. Hazards Identification WONDER DUST WOUND POWDER

Emergency Overview

INHALATION: May cause coughing, sneezing or labored breathing if large amounts are inhaled.

INGESTION: Considered essentially non-toxic by ingestion. Ingestion of very large amounts may cause sore throat, nausea, headache, and may cause unconsciousness in severe cases. May be converted into hydrogen sulfide in the intestine.

SKIN CONTACT: May cause irritation.

EYE CONTACT: Irritant to human eyes. May cause redness and pain. May cause permanent eye damage.

Route(s) of Entry: Inhalation? Yes , Skin? Yes , Eyes? Yes , Ingestion? No

Potential Health Effects (Acute and Chronic)

Corrosive to skin and eyes. Causes irritation and inflammation to mucous membrane and respiratory passages. Prolonged exposure to sulfur dust can produce skin sensitization and permanent eye clouding of the eye lens and chronic irritation.

Recommended Exposure Limits

NE

Signs and Symptoms Of Exposure

Irritation of skin, eyes and respiratory tract.

Medical Conditions Generally Aggravated By Exposure

Repeated exposure to sulfur dust may cause skin irritation or allergic responses to sensitive individuals.

**SECTION 4. First Aid Measures
WONDER DUST WOUND POWDER**

Emergency and First Aid Procedures

IF SWALLOWED: Do NOT induce vomiting. Drink large quantities of water and contact physician or Poison Control Center. Do not give anything by mouth to an unconscious person.

IF INHALED: Remove to fresh air. Contact a physician if irritation persists.

IF IN EYES: Flush eyes immediately with plenty of water for at least 15 minutes and seek medical attention.

IF ON SKIN: Immediately wash with plenty of soap and water. Remove contaminated clothing. Consult with physician if irritation persists.

**SECTION 5. Fire Fighting Measures
WONDER DUST WOUND POWDER**

Flash Pt: N.E.

Explosive Limits: LEL: NE UEL: NE

Fire Fighting Instructions

As with any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

Flammable Properties and Hazards

Sealed containers may rupture when heated due to release of water from crystals. Material is acidic when dissolved in water; contact with magnesium metal may evolve hydrogen gas. Anhydrous cupric sulfate formed on water loss (white in color) . Anhydrous salt will ignite hydroxylamine, if present.

Hazardous Combustion Products

Fine dust dispersed in the air in sufficient quantities, and in the presence of an ignition source, is a potential dust explosion hazard.

Extinguishing Media

Non-combustible

Unsuitable Extinguishing Media

No data available.

SECTION 6. Accidental Release Measures WONDER DUST WOUND POWDER
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Steps To Be Taken In Case Material Is Released Or Spilled

Use clean-up procedures that avoid dust generation. Use a NIOSH or MSHA approved respirator if dust is likely to form with clean-up. Use protective clothing if skin contact is likely. Shovel material into disposal containers.

SECTION 7. Handling and Storage WONDER DUST WOUND POWDER

Precautions To Be Taken in Handling

Avoid contact with skin and eyes. Avoid breathing dust.

Precautions To Be Taken in Storing

Store in closed containers in a cool, dry well-ventilated area away from heat sources and reducing agents. Keep away from galvanized pipe and nylon equipment. If container or bag is damaged, place the container or bag in a plastic bag. Use good housekeeping practices to prevent dust accumulation.

Other Precautions

KEEP OUT OF REACH OF CHILDREN. Not for human use.

SECTION 8. Exposure Controls/Personal Protection WONDER DUST WOUND POWDER
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Respiratory Equipment (Specify Type)

Dust filter mask is recommended as minimal protection.

A respiratory protection program that meets OSHA 29 CFR 1910.134 requirements must be followed whenever workplace conditions warrant respirator use. For concentrations up to 10 times the exposure limit, use NIOSH/MSHA approved full- or half-face, air-purifying respirator.

Eye Protection

Tight fitting goggles will reduce eye injury.

Protective Gloves

Cloth or leather gloves will protect skin.

Engineering Controls (Ventilation etc.)

Local Exhaust: sufficient

Special:

Mechanical (Gen):

Other:

Work/Hygienic/Maintenance Practices

Remove personal protection equipment after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Wash hands before eating, smoking, chewing gum, using tobacco or using restroom. Avoid creating product dusts.

SECTION 9. Physical and Chemical Properties WONDER DUST WOUND POWDER

Physical States: [] Gas [] Liquid [X] Solid

Melting Point: N.A.

Boiling Point: N.A.

Autoignition Pt: No data.

Flash Pt: N.E. Method:

Explosive Limits: LEL: NE UEL: NE

Specific Gravity (Water = 1): 0.51

Vapor Pressure (vs. Air or mm Hg): N.A.

Vapor Density (vs. Air = 1): N.A.

Evaporation Rate (vs Butyl Acetate=1): N.A.

Solubility in Water: No data.

Other Solubility Notes

very low to none

Percent Volatile: N.A.

Corrosion Rate: No data.

pH: 12.5

Appearance and Odor

Grey fine powder with slight "chemical" odor

SECTION 10. Stability and Reactivity WONDER DUST WOUND POWDER

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability

None known

Incompatibility - Materials To Avoid

Acids, acetylene gas, aluminum powder, hydroxylamine, magnesium, moist air. Contact with magnesium metal can generate dangerous levels of hydrogen gas.

Hazardous Decomposition Or Byproducts

CO, CO₂, SO₂ and SO₃ compounds, sulfur dioxide

Hazardous Polymerization: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Polymerization

will not occur

**SECTION 11. Toxicological Information
WONDER DUST WOUND POWDER**

Toxicological Information

No data available.

Carcinogenicity/Other Information

No data available.

Hazardous Components (Chemical Name)	CAS #	NTP	IARC	ACGIH	OSHA
CALCIUM HYDROXIDE	1305-62-0	n.a.	n.a.	n.a.	n.a.
POTASSIUM ALUM	7784-24-9	n.a.	n.a.	n.a.	n.a.
Copper(II) sulfate pentahydrate	7758-99-8	n.a.	n.a.	n.a.	n.a.
IODOFORM	75-47-8	n.a.	n.a.	n.a.	n.a.
CHARCOAL (ACTIVATED)	7440-44-0	n.a.	n.a.	n.a.	n.a.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

**SECTION 12. Ecological Information
WONDER DUST WOUND POWDER**

Ecological Information

No data available.

**SECTION 13. Disposal Considerations
WONDER DUST WOUND POWDER**

Waste Disposal Method

Dispose of in accordance with all local, State and Federal regulations. Do not reuse empty container.

**SECTION 14. Transport Information
WONDER DUST WOUND POWDER**

LAND TRANSPORT (US DOT)

DOT Proper Shipping Name No data available.

DOT Hazard Label: None

**SECTION 15. Regulatory Information
WONDER DUST WOUND POWDER**

No data available.

SECTION 16. Other Information
WONDER DUST WOUND POWDER

Company Policy or Disclaimer

The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.
