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# Material Safety Data Sheet

## SECTION 1. GENERAL INFORMATION

<b>COMPANY</b>	<b>CERRO CORP.</b> 370 N. DRAPER LANE PROVO, UT 84601	TEL. NO. (801) 377-9207 FAX NO. (801) 377-9234
<b>PRODUCT NAME</b>	<b>BIOBURST™ DRY</b> SEED TREAT	<b>ISSUE DATE:</b> 01/26/94

## SECTION 2. INGREDIENTS

### PROPRIETARY

Ingredients not precisely identified are proprietary or nonhazardous. Values are not product specifications.

## SECTION 3. PHYSICAL DATA

<b>BOILING POINT:</b>	N/A
<b>VAPOR PRESSURE (mmHg at 20°C):</b>	N/A
<b>VAPOR DENSITY (air = 1):</b>	N/A
<b>SOLUBILITY IN WATER:</b>	Insoluble
<b>pH (10 g/L H<sub>2</sub>O):</b>	N/A
<b>SPECIFIC GRAVITY:</b>	2.8
<b>% VOLATILE BY WEIGHT:</b>	N/A
<b>APPEARANCE AND ODOR:</b>	White to grayish white, fine powder

## SECTION 4. FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (and method):</b>	None
<b>AUTOIGNITION TEMP:</b>	None
<b>FLAMMABLE LIMITS (STP):</b>	None
<b>EXTINGUISHING MEDIA:</b>	N/A
<b>SPECIAL FIRE FIGHTING PROTECTIVE EQUIPMENT:</b>	Do not stir up dust with hose streams.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	Dust explosions may occur when finely divided particles are mixed with air in the presence of an ignition source. Avoid excessive accumulation of dust on floors, beams, or machinery. Ignition temperature is approximately 250-300°C.

## SECTION 5. REACTIVITY DATA

<b>STABILITY:</b>	Stable.
<b>CONDITIONS TO AVOID:</b>	None known.
<b>INCOMPATIBILITY (materials to avoid):</b>	None
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	None
<b>HAZARDOUS POLYMERIZATION:</b>	None

## SECTION 6. HEALTH HAZARD ASSESSMENT

### GENERAL:

This health hazard assessment is based on information from commercial and scientific literature.

### INGESTION:

This product is classified as relatively harmless by ingestion.

### EYE CONTACT:

Can cause eye irritation.

### SKIN CONTACT:

No skin irritation is likely.

### SKIN ABSORPTION:

This product will probably not be absorbed through human skin.

### INHALATION:

Dust may cause irritation to nose, throat, and lungs.

## FIRST AID PROCEDURES

### SKIN:

Wash material off the skin with plenty of soap and water. Apply common skin moisturizers to relieve dryness. If redness, itching or a burning sensation develops, get medical attention.

### EYES:

Immediately flush with plenty of water or normal saline solution for at least 15 minutes. Hold back eyelids during flushing. If redness, itching or a burning sensation develops, have eyes examined and treated by medical personnel.

### INGESTION:

Rinse mouth with water. Immediately give one or two glasses of water to drink. Treat symptomatically and supportively. If gastrointestinal symptoms develop seek medical attention. (Never give anything by mouth to an unconscious person.)

### INHALATION:

Move to fresh air to relieve nuisance symptoms. If breathing is difficult give oxygen. If breathing has stopped, give artificial respiration and get medical attention immediately.

## SECTION 7. SPECIAL PROTECTION INFORMATION

### VENTILATION:

**Local:** Use with adequate ventilation.

**Mechanical:** Recommended.

### RESPIRATORY PROTECTION:

A NIOSH approved mechanical filter respirator should be used when dust levels exceed OSHA PELs.

### PROTECTIVE CLOTHING:

As appropriate to prevent contact with body.

### EYE PROTECTION:

Goggles recommended.

### OTHER PROTECTIVE EQUIPMENT:

Protective gloves recommended. Eyewash station.

## SECTION 8. SPILL, LEAK, AND DISPOSAL PROCEDURES

### SPILL:

Sweep up material using normal housekeeping procedures. Dry material can be land-filled.

### DISPOSAL:

Material is slippery when wet. Discarded product is not a hazardous waste under RCRA, 40 CFR 261. Follow all federal, state and local regulations.

## SECTION 9. REGULATORY INFORMATION

### TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:

All ingredients are on the TSCA Chemical Substance Inventory.

### CERCLA and SARA Regulations (40 CFR 372):

This product does not contain toxic chemicals subject to the reporting requirements of SARA Section 313.

MATERIAL OR COMPONENT %	EXPOSURE LIMITS IN AIR		HAZARD DATA
	ACGIH TLV	OSHA PEL	
Cristobalite (CAS No. 14464-46-1)	0-.26	15 mg/m <sup>3</sup>	Health, 2
Quartz (CAS No. 14808-60-7)	0-1.6	15 mg/m <sup>3</sup>	Health, 2
Talc (CAS No. 14807-96-6)	25-35	2 mg/m <sup>3</sup>	Health, U
Zinc Sulfate (CAS No. 7733-02-0)	5.6	N/A	Health
Manganese Sulfate (CAS No. 7785-87-7)	1.6	5 mg/m <sup>3</sup>	Health

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All information, recommendations and suggestions appearing herein concerning this product are based upon tests or data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity and suitability for the use of the product described herein. Since the actual use by others is beyond our control, we make no guarantee, expressed or implied, as to the effects of such use, the results to be obtained, or the safety and toxicity of the product; nor do we assume any liability arising out of use, by others, of the product referred to herein. The information herein is not to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

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