

# MATERIAL SAFETY DATA SHEET

COMET ROAD RESEARCH AND DEVELOPMENT, INC.  
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Embarrass, MN 55732  
Phone: 218-984-2807

**FOR CHEMICAL EMERGENCIES, CALL INFOTRAC 24 HOURS A DAY AT:  
1-800-535-5053**

## B&S INDUSTRIAL

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### MATERIAL DESCRIPTION

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Manufacturers name:	Comet Road Research and Development, Inc. 8092 Comet Road Embarrass, MN 55723 Phone: 218-984-2807
Chemical Description:	Proprietary mixture
Trade Name:	B&S Industrial
General Product Use:	Agricultural/bioremediation uses

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### SECTION TWO- HAZARDOUS COMPONENTS

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This document is prepared pursuant to the OSHA Hazard Communication Standard 29 CFR 1910.1200. Substances contained in this product which require disclosure as "hazardous" per this standard are listed below

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Optional Percent (w/w)</u>
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**NOTE: THIS PRODUCT DOES NOT CONTAIN ANY COMPONENTS WHICH REQUIRE DISCLOSURE PER SARA TITLE III. SEE REFERENCE: 40 CFR, PART 355 (PER SARA 302, 304, 311, AND 312) AND 40 CFR 372 (SARA 313) RESPECTIVELY.**

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### SECTION THREE – PHYSICAL DATA

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Appearance and Odor:	Amber to light green liquid, pleasant odor.
Boiling Point:	210 F
Melting Point:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Water Solubility:	Complete
Specific Gravity:	1.06
Percent Volatile:	0%
PH:	6.8 – 7.2

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**SECTION FOUR – FIRE FIGHTING AND EXPLOSION HAZARD DATA**

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Flash Point:	Not flammable
Lower Explosive Limit:	Not applicable
Upper Explosive Limit:	Not applicable
Autoignition Temp:	Not applicable

Extinguishing Media: Use water spray, carbon dioxide, dry chemical, alcohol-type or universal type foams applied by manufacture's recommended technique. After water evaporates, residue can burn.

Unusual Fire Hazards: None

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**SECTION FIVE – HEALTH AND FIRST AID DATA**

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Odor Thresholds: Not determined

Carcinogenicity: This product DOES NOT contain any materials which are, or are considered as, suspected carcinogens per NTP, IRAC, or OSHA.

Primary Routes of Entry: Eye contact and ingestion. **NOTE: THIS PRODUCT IS NON-TOXIC. INCIDENTAL EXPOSURE IS NOT EXPECTED TO CAUSE HARM. HOWEVER, EXPOSURE TO WORKING SOLUTIONS MAY POSE ADDITIONAL RISKS ASSOCIATED WITH CONTAMINANTS INTRODUCED INTO THE MATERIAL. SHOULD TREATMENT EVER BE REQUIRED, IT WOULD BE DIRECTED AT CONTROL OF SYMTOMS.**

Potential Effects of Overexposure:

**Eyes:** Mild eye irritant. Exposure may cause discomfort, excessive tearing, and reddening.

**Skin:** Not considered a skin irritant. Exposure to mucous membranes may produce smarting

**Inhalation:** Inhalation of fumes should not cause irritation to mucous and lung tissue. No significant chronic or acute inhalation hazards.

**Ingestion:** Ingestion may cause discomfort if a pint or more is consumed at one time. Might cause mild diarrhea for a short period of time.

First Aid:

**Eye Contact:** Immediately flush with large quantities of water. Contact a physician if any irritation occurs.

**Skin Contact:** Rinse with water after use.

**Ingestion:** No significant ingestion problems.

**Inhalation:** No significant inhalation problems.

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**SECTION SIX – REACTIVITY DATA**

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Stability: Stable

Conditions to Avoid: Store away from direct sunlight and keep containers tightly sealed when not in use. Store in cool, dry dark place.

Incompatibility with Other Materials: Is compatible with most liquids with a range of 5.8 to 8.8 pH.

Hazardous Decomposition Products: None

Hazardous Polymerization: None

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**SECTION SEVEN – SPILL AND DISPOSAL PRECEDURES**

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Spill and /or Leak Procedures: Due to contaminants that may be introduced into the working solution, action should be taken to prevent dissolution of material in water, wash water, sewage streams, drainage areas and drinking water supplies.

Waste Disposal: This material as shipped, is NOT a hazardous material or hazardous waste per 40 CFR, part 261. Disposal should be in accordance with all local, state, and federal regulations. (Refer to 40 CFR, part 261, subparts C and D.)

NOTE: This product DOES NOT contain ingredients listed under 29 CFR 1900.1200.

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**SECTION EIGHT – SPECIAL PROTECTION INFORMATION**

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Protective Equipment: No special protective equipment is needed.

Respiratory Protection: No special respiratory protection is anticipated.

Work/Hygienic Practices: Wash thoroughly after handling.

Handling and Storage Precautions: Store in cool, dry, dark area. Keep containers tightly closed to prevent growth.

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**SECTION NINE – TOXICOLOGY DATA**

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Toxicity Studies: All food grade material. Non-toxic in small quantities.

Acute Oral Toxicity: None

Acute Dermal Toxicity: None

Acute Respiratory Toxicity: None

**NOTE: This product as supplied does not contain any components which are defined as “hazardous” per OSHA standards.**

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**SECTION TEN – REGULATORY AND SHIPPING INFORMATION**

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Federal Regulation:

CRCLA requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are: NONE

**This product has been reviewed according to the EPA “Hazard Categories” promulgated under Sections 311 and 312 SARA Title III, and is considered under applicable definitions, to meet the following hazard categories: NONE**

SARA/SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT (TITLE III): Section 320 (40 CFR 355): This product DOES NOT contain components listed in Appendix A of 40 CFR 255 as in extremely hazardous substance (EHS).

Section 311 and 312 (40 CFR 370): This product DOES NOT contain ingredients listed as “Reactive” as defined by 29 CFR 1910.1200.

Section 313 (40 CFR 372): This product DOES NOT contain ingredients in concentrations listed under 40 CFR 372.65.

TOXIC SUBSTANCE CONTROL ACT (TSCA): The ingredients in this product are all food or table grade materials.

DOT Shipping Name: None  
Hazard Class: None  
Label Requirements: None  
Packaging Group: None  
Reportable Quantity: None

Prepared December 30, 1993

Revised January 3, 1995

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