



# Material Safety Data Sheet

## Section 1 - Product and Company Information

**Product Name:** Bold 1NV:Erdschreiber (4:1) Medium  
**Catalog Number:** 1NV:Erd (4:1)

**Manufacturer:** UTEX Culture Collection of Algae  
**Address:** 205 W. 24<sup>th</sup> St  
Austin, TX 78705  
**Phone:** (512) 471-4019

## Section 2 - Composition / Information on Ingredients

### Chemical Characterization:

**Description:** This product contains a mixture of the substances listed below along with nonhazardous additions.

<b>CAS #</b>	<b>Hazardous Ingredients</b>
7631-99-4	Sodium Nitrate
7782-85-6	Sodium Phosphate Dibasic Heptahydrate
6381-92-6	Disodium EDTA Dihydrate
10025-77-1	Iron (III) Chloride Hexahydrate
13446-64-9	Manganese (II) Chloride Tetrahydrate
7646-85-7	Zinc Chloride
7791-13-1	Cobalt (II) Chloride Hexahydrate
10102-40-6	Sodium Molybdate Dihydrate
68-19-9	Cyanocobalamin
10035-04-8	Calcium Chloride Dihydrate
10034-99-8	Magnesium Sulfate Heptahydrate
7778-77-0	Potassium Phosphate Monobasic
7647-14-5	Sodium Chloride
7365-45-9	HEPES

58-85-5	Biotin
67-03-8	Thiamine Hydrochloride
471-34-1	Calcium Carbonate

### **Nonhazardous Ingredients**

Pasteurized Seawater

Soilwater: Gr+ Medium Supernatant

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## **Section 3 - Hazards Identification**

**Hazard Overview:** Causes irritation in case of eye contact, ingestion or inhalation. May cause skin irritation.

### **NFPA Rating**

Health - 1

Fire - 0

Reactivity - 0

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## **Section 4 - First Aid Measures**

**Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration and immediately get medical attention.

**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Seek medical advice.

**Skin Contact:** Immediately wash thoroughly with soap and water. If irritation persists, consult a physician.

**Eye Contact:** Immediately flush eyes with plenty of water for at least 15 minutes, keeping eyelid open. If irritation persists, consult a physician.

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## **Section 5 - Fire Fighting Measures**

**Suitable Extinguishing Media:** Product is not flammable.

**Protective Equipment:** Product is not flammable.

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## Section 6 - Accidental Release Measures

**Personal Precautions:** Wear protective equipment. Keep unprotected persons away.

**Methods for Clean Up:** Wipe up with a damp sponge or mop.

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## Section 7 - Handling and Storage

**Safe Handling:** Wear appropriate personal protective equipment.

**Storage:** Keep container tightly closed. Store in a cool dry place in accordance with specified storage conditions.

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## Section 8 - Exposure Controls and Personal Protection Equipment

**Engineering Controls:** Safety shower and eye bath.

### Personal Protective Equipment

**Respiratory:** None.

**Hand:** Chemical resistant gloves. Wash thoroughly after handling.

**Eye:** Safety goggles

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## Section 9 - Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	None
<b>pH:</b>	6-8
<b>Salinity:</b>	6 ppt
<b>Boiling Point:</b>	Not determined
<b>Melting Point:</b>	Not determined
<b>Flash Point:</b>	Not determined
<b>Autoigniting Temp:</b>	Not determined
<b>Explosion Limits:</b>	Not determined
<b>Vapor Pressure:</b>	Not determined
<b>Density:</b>	Not determined
<b>Solubility:</b>	Not determined

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## Section 10 - Stability and Reactivity

<b>Stability:</b>	This product is stable.
<b>Materials to be Avoided:</b>	No dangerous reactions known.
<b>Decomposition Products:</b>	No dangerous decomposition products known.

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## Section 11 - Toxicological Information

<b>Effects of Skin Contact:</b>	May be irritating to the skin.
<b>Effects of Eye Contact:</b>	Causes eye irritation.
<b>Effects of Ingestion:</b>	Causes irritation by ingestion.
<b>Effects of Inhalation:</b>	Causes irritation by inhalation.
<b>Sensitization:</b>	Not available
<b>Target Organs:</b>	Not available
<b>Additional toxicological information:</b>	None

## Section 12 - Ecological Information

**Ecotoxicity:** Not determined  
**General Information:** Not available

## Section 13 - Disposal Considerations

**Waste Disposal:** Dispose of in accordance with applicable state and federal regulations.

## Section 14 - Transport Information

**DOT Classification:** Not a DOT controlled material (United States).  
**Hazard Class:** None

## Section 15 - Regulations

### Warning Label Text

**Indication of Hazard:** IRRITANT  
**Risk Statements:** Irritating to eyes, skin and respiratory system.

### Carcinogenicity

**NTP:** No  
**IARC:** No  
**OSHA:** No

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## Section 16 - Other Information

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*The above information, to the best of our knowledge, is accurate. UTEX assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.*