

<b>GREAT WHITE™BASE</b>	<b>DATE</b> <b>November 7, 2008</b>	Replaces Oct. 31, 2008 version
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**MATERIAL SAFETY DATA SHEET**

**SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME            GREAT WHITE™ BASE

MANUFACTURER:        CERATECH, INC.  
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Baltimore, MD 21213

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EMERGENCY (24 HOUR)

CHEMTREC:            1-800-424-9300            INTERNATIONAL: 1-703-527-3887

**SECTION 2 – HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW    CAUTION! Colorless liquid. May cause slight irritation of eyes and mild irritation of skin.

POTENTIAL HEALTH EFFECTS

EYE                      Contact may cause slight irritation.

SKIN                     Contact may cause mild irritation. Not readily absorbed through skin.

INGESTION             Ingestion is not likely to be a significant route of exposure. May cause nausea, vomiting, diarrhea, and abdominal cramps, if swallowed.

INHALATION            None known.

CHRONIC EFFECTS / CARCINOGENICITY: The chemicals in this product are not listed by OSHA, NTP or IARC as carcinogens. There are no known chronic health effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

<u>Hazardous Ingredients</u>	<u>CAS Registry No.</u>	<u>Percentage (wt/wt)</u>
Inorganic acid	Proprietary	1-15

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations. Some components of this product are claimed as trade secret. The hazards of these ingredients, if any, are covered by this material safety data sheet.

**SECTION 4 – FIRST AID MEASURES**

EYE                      Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, or until chemical is removed, while holding eyelid(s) open. Get prompt medical attention.

SKIN                     As quickly as possible, flush with lukewarm, gently flowing lukewarm water for at least 5 minutes or until the chemical is removed. Remove contaminated clothing, shoes and leather goods. If irritation persists, repeat flushing. Seek medical attention immediately. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

INGESTION             Never give anything by mouth if the victim is rapidly losing consciousness, or is unconscious or convulsing. If irritation or discomfort occurs, obtain medical advice immediately.

INHALATION            If symptoms are experienced remove source of contamination or move victim to fresh air. Seek medical attention if necessary. If breathing has stopped, give artificial respiration.

**SECTION 5 – FIRE FIGHTING MEASURES**

Flammable Properties

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Flash Point: Not flammable

Method: N/A

EXTINGUISHING MEDIA	Carbon dioxide; dry chemical; foam; water fog.
FIRE & EXPLOSION HAZARDS	None known.
FIRE FIGHTING INSTRUCTIONS	Use water for cooling material stored in vicinity of fire.

<b>SECTION 6 – ACCIDENTAL RELEASE MEASURES</b>
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SPILL /LEAK PROCEDURES	Prevent contamination of soil, drains and surface waters. Avoid discharging to sewers or waterways.
SMALL SPILLS	Absorb spill with inert material. Place in chemical waste container and follow directions for proper disposal.
LARGE SPILLS	Contain spilled liquid with sand or earth to prevent spreading. Absorb spill with inert material. Place in chemical waste container. Clean with soap and water. Do not discharge to sewers or waterways.
CLEANUP	Residual amounts of material can be flushed with large amounts of water.

<b>SECTION 7 – HANDLING AND STORAGE</b>
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HANDLING	Keep in tightly closed containers. Protect containers from physical damage. Avoid direct skin contact with the material.
STORAGE	Store in a cool, dry, and well-ventilated location. Do not store near incompatible materials. (See Section 10 for list of incompatible materials.) Keep away from moisture.

<b>SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION</b>
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ENGINEERING CONTROLS	Use in well-ventilated area.
RESPIRATORY PROTECTION	Use as directed by safety coordinator.
SKIN PROTECTION	Use appropriate gloves to prevent skin contact.
EYE PROTECTION	Eye and face protection requirements will vary dependent upon work environment and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material. It is generally considered good practice to wear a minimum of safety glasses with side shields when working in industrial environments.

EXPOSURE GUIDELINES	OSHA PEL	ACGIH TLV
None	-	-

<b>SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES</b>
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APPEARANCE	Colorless liquid
ODOR	Odorless
SOLUBILITY IN WATER	Complete
SPECIFIC GRAVITY	1.0
pH	8.5 (as is)

<b>SECTION 10 – STABILITY AND REACTIVITY</b>
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STABILITY	Chemically stable
MATERIALS TO AVOID	None
CONDITIONS TO AVOID	None

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HAZARDOUS DECOMPOSITION PRODUCTS    None

<b>SECTION 11 – TOXICOLOGICAL INFORMATION</b>
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Inorganic acid: LD50 (oral-rat) >3,000 mg/kg.

Long term animal ingestion studies involving high doses of the inorganic acid have indicated reproductive and developmental effects. The relevance for humans is not known.

<b>SECTION 12 – ECOLOGICAL INFORMATION</b>
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ECOTOXICITY: Not determined.

ENVIRONMENTAL FATE: Not determined.

<b>SECTION 13 – DISPOSAL CONSIDERATIONS</b>
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Dispose of in accordance with all applicable federal, state, and local environmental regulations. If this product as supplied, and unmixed, becomes a waste, it will not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act.

<b>SECTION 14 – TRANSPORT INFORMATION</b>
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US DOT Not Regulated

<b>SECTION 15 – REGULATORY INFORMATION</b>
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United States  
All chemical ingredients are listed on the U.S. TSCA Inventory List.

<b>SECTION 16 – OTHER INFORMATION</b>
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**HMIS:** Health Risks 1\*, Flammability 0, Reactivity 0  
**NFPA:** Health Hazard 1, Fire Hazard 0, Reactivity 0

MSDS Status: Version 2. Replaces October 31, 2008  
Changes: Revised Product Name; Section 1

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