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MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME FIREROK™ Retarder

MANUFACTURER: CERATECH, INC.
 3501 Brehms Lane
 Baltimore, MD 21213

TELEPHONE: (443) 524-4410 FAX: (433) 524-4411

EMERGENCY (24 HOUR)

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

SECTION 2 – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW CAUTION! Odorless white powder. Excessive inhalation may cause nose, throat or respiratory tract irritation. May mild eye and skin irritation.

POTENTIAL HEALTH EFFECTS

EYE May cause mild irritation. In addition, contact can cause redness, burning, stinging, itching and edema.

SKIN Prolonged contact may cause irritation in sensitive individuals.

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

INHALATION May cause upper respiratory tract irritation.

CHRONIC EFFECTS / CARCINOGENICITY: The components of this product are not listed by OSHA, NTP or IARC.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Registry No.</u>	<u>Percentage (wt/wt)</u>
Inorganic salt	Proprietary	98-100%

OSHA Regulatory Status: This material is classified as hazardous under OSHA regulations. Some components of this product may be 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 Quickly and gently blot or brush away chemical. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the chemical is removed, while holding the eyelid(s) open. Seek medical attention immediately. Do not rub eyes.

SKIN Quickly and gently, blot or brush away excess chemical. Remove contaminated clothing, shoes and leather goods. Flush contaminated area with lukewarm, gently flowing water for at least 5 minutes. If irritation persists, repeat flushing. Seek medical attention immediately.

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 Move victim to fresh air. Seek medical attention if necessary. If breathing has stopped, give artificial respiration.

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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	White powder
ODOR	Odorless
SOLUBILITY IN WATER	Complete
SPECIFIC GRAVITY	1.5
pH	5.1 (1.0% solution)

SECTION 10 – STABILITY AND REACTIVITY

STABILITY	Chemically stable
MATERIALS TO AVOID	None
CONDITIONS TO AVOID	None
HAZARDOUS DECOMPOSITION PRODUCTS	None

SECTION 11 – TOXICOLOGICAL INFORMATION

Inorganic acid: LD50 (oral-rat) >3,000 mg/kg.

CHRONIC EFFECTS / CARCINOGENICITY: The components of this product are not listed by OSHA, NTP or IARC. This product contains a chemical which when administered in high doses in animal ingestion studies in several species appears to cause reproductive and developmental effects. A human study of occupational exposure to the dust of this chemical showed no adverse effect on reproduction. Follow the recommendations in Section 8 for personal protective equipment.

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY: Soluble in water. Causes harm to aquatic organisms if released in large quantities.

ENVIRONMENTAL FATE: Not determined.

SECTION 13 – DISPOSAL CONSIDERATIONS

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.

SECTION 14 – TRANSPORT INFORMATION

US DOT Not Regulated

SECTION 15 – REGULATORY INFORMATION

United States
All chemical ingredients are listed on the U.S. TSCA Inventory List.

SECTION 16 – OTHER INFORMATION

HMIS: Health Risks 1*, Flammability 0, Reactivity 0
NFPA: Health Hazard 1, Fire Hazard 0, Reactivity 0

MSDS Status: Original

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CeraTech, Inc. makes no warranty, expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.