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**SECTION 1: IDENTIFICATION**

**Product Name:** Alkaline Phosphatase

**Source:** Calf Intestine

**Form:** In 3 M NaCl, 0.03 M TEA, 1mM MgCl<sub>2</sub>, 0.1mM ZnCl<sub>2</sub> solution

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**SECTION 2: PHYSICAL DATA**

**Physical Data:**

Data not available

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**SECTION 3: FIRE AND EXPLOSION DATA**

Poses no unusual fire or explosion hazards. Extinguish by any means appropriate to the surrounding fire.

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**SECTION 4: REACTIVITY DATA**

No unusual reactivity hazards or incompatibilities.

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**SECTION 5: HEALTH HAZARD DATA**

**Acute Effects:** May be harmful by inhalation, ingestion, or skin absorption. May cause irritation. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**First Aid:** In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. In case of contact, immediately wash skin with soap and copious amounts of water. If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. CALL A PHYSICIAN. Wash contaminated clothing before re-use.

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**SECTION 6: SPILLAGE AND DISPOSAL PROCEDURES**

Wear chemical safety goggles and heavy rubber gloves. If dry material is spilled, sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area after material pickup is complete.

If a liquid suspension is spilled, wipe up liquid with rags or towels and discard in the proper waste container. Wash spill site thoroughly after material pickup is complete.

Dispose of wastes by dissolving or mixing the material with a combustible solvent and burning in a chemical incinerator equipped with an afterburner and scrubber.

Observe all applicable federal, state and local laws.

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**SECTION 7: PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

Chemical safety goggles; Compatible chemical resistant gloves; Avoid breathing dust; Avoid contact with eyes, skin and clothing; Wash thoroughly after handling; Keep container closed; Hygroscopic; Store at the correct stability temperature (See C of A) in a dry place.

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**SECTION 8: TOXICITY HAZARDS**

Possible biohazard

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The above information is believed to be correct but does not purport to be all-inclusive, and shall be used only as a guide. AerChem, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.