



MATERIAL SAFETY DATA SHEET

I - PRODUCT IDENTIFICATION

Product: MultiShock
Chemical Family:
Formula:
CAS Number:
Synonyms:

COMPANY IDENTIFICATION

AllChem Performance Products, LP
6010 NW First Place
Gainesville, FL 32607
Tel: 352-378-9696

24 HR EMERGENCY TELEPHONE NUMBER

INFOTRAC
Transportation): (800) 535-5053

II - COMPOSITION, INFORMATION ON INGREDIENTS

<u>Ingredient, CAS Number</u>	<u>Weight %</u>	<u>ACGIH TLV</u>	<u>PEL STEL</u>
Calcium Hypochlorite, 7778-54-3	47.6 %	Not Established	Not Established
Sodium tetraborate pentahydrate, 12179-04-3	29.8 %	1 mg/m3	10 mg/m3 total dust

III - HAZARD IDENTIFICATION

Emergency Overview: Harmful if Inhaled. Causes severe burns to eyes and skin. May be fatal if swallowed.
Health Effects: This product is severely irritating to the eyes and may cause burns and irreversible damage. Contact with the skin or mucous membranes may cause severe irritation, burns, and possible ulceration. This product will cause irritation or burns to the throat, esophagus, and gastrointestinal tract if it is swallowed. Ingestion of large amounts of this product may be fatal. Inhalation of dusts or mists of this product will cause irritation or burns to the nasal passages and respiratory tract and may cause ulceration of nasal membranes.
Carcinogenicity: None of the components present in this material are listed by IARC or NTP as a carcinogen.
Reproductive Effects: None known
Routes of Entry: Inhalation, Ingestion, Skin or Eye Contact

IV - FIRST AID

Eye Contact: Flush immediately with plenty of water for at least 15 minutes, get medical attention.
Skin Contact: Flush with plenty of water for at least 15 minutes while removing contaminated clothing. Get medical attention.
Ingestion: Call a physician immediately. Do not induce vomiting. Dilute by drinking water or milk. Never give anything by mouth to an unconscious person.
Inhalation: Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

V - FIRE FIGHTING MEASURES

Flash Point: N/A
Extinguishing Media: Use water only. Do not use dry chemicals, carbon dioxide, or foam.
Special Fire Fighting Procedures: Product decomposes at approximately 338-356°F (170-180°C) releasing oxygen gas. Container may rupture. Fire-fighters must wear NIOSH approved, pressure demand, self-contained breathing apparatus with full face piece for possible exposure to hazardous gases.
Unusual Fire Hazard: Emits toxic fumes under fire conditions.

VI - ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures: Wear adequate personal protective equipment. Extinguish or remove all ignition sources. Ventilate area. Do not touch spilled material. Prevent material from entering sewers or confined spaces. Shovel into clean, dry, labeled containers. Flush area with water. Contaminated materials may be dissolved in water, then treated with a reducing agent such as sodium sulphite. Care should be taken while handling contaminated materials, due to fire risk.

VII - HANDLING AND STORAGE

Handling : Do not inhale. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash clothing after use.
Storage : Keep product tightly sealed in original containers. Store product in a cool, dry, well-ventilated area. Store away from combustible or flammable products. Keep product packaging clean and free of all contamination.

VIII - EXPOSURE CONTROLS AND PERSONAL PROTECTION

Engineering Controls: Set up ventilation to effectively remove and prevent buildup of any dust generated from the handling of this product.
Eye Protection: Chemical safety goggles
Protective Gloves: Wear chemical resistant gloves, such as rubber, neoprene, or nitrile.
Respiratory Protection: If ventilation is not sufficient to effectively prevent buildup of dust, appropriate NIOSH/MSHA respiratory protection must be provided.
Other Protective Equipment: Wear appropriate clothing to prevent skin exposure. A safety shower and eye bath should be available.

IX - PHYSICAL AND CHEMICAL PROPERTIES



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Physical State: Solid
Color/Appearance: White powder
Odor: Chlorine-like odor
pH: 9.5 (1% solution)
Boiling/Cond. Point: Not Applicable
Melting/Freezing Point: Not Applicable
Solubility: Complete
Vapor Density: Not Applicable
Vapor Pressure: Not Applicable

X – STABILITY AND REACTIVITY

Chemical Stability: Unstable above 338°F (170°C).
Conditions to Avoid: Contamination. Excessive heat and sources of ignition. Avoid conditions of moisture.
Incompatible Materials: Acids; Reducing agents; Organics; Combustible materials; Petroleum products; Paint products; Wood; and paper.
Hazardous Decomposition Products: Oxygen and chlorine gas.
Hazardous Polymerization: Will not occur.

XI – Toxicological Information

Calcium hypochlorite:
Acute Oral LD50: 850 mg/kg. (rat) Moderate toxicity.
Sodium tetraborate pentahydrate:
Oral, LD50, Rat: 3,200 to 3,400 mg/kg

XII – ECOLOGICAL INFORMATION

Calcium hypochlorite:
0.088 mg/l (Bluegill) 96-hour LC50. Extreme toxicity.
Sodium tetraborate pentahydrate:
24-day LC50 = 88 mg B/L (Rainbow trout)

XIII – DISPOSAL CONSIDERATIONS

Waste Disposal: Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

XIV - TRANSPORTATION DATA

Please refer to applicable regulations or call company noted under Section I.

XV – REGULATORY INFORMATION

Reportable Quantity: 14 lb.
TSCA - Hazardous Component(s) subject to reporting on the TSCA List.

XVI – OTHER INFORMATION

This MSDS replaces no other version. Any changes in information are as follows: n/a

ALWAYS COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING THE TRANSPORTATION, STORAGE, USE AND DISPOSAL OF THIS CHEMICAL.

Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed in Section XV of this document should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.

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