

**SECTION 1: IDENTIFICATION**

**Product Name:** Prizefighter  
**EPA Reg. No.** 87663-11-92697  
**Recommended Use:** Non-selective herbicide; See product label for a complete list of uses and use sites.  
**Restrictions on Use:** See product label for any restrictions on the use of this product.  
**Chemical Name:** Ammonium nonaoate  
**Distributed by:** Vivid Life Sciences, LLC  
P.O. Box. 41632  
Minneapolis, MN 55441

**For Medical Exposure Concerns, Contact the Poison Control Center: 1-800-222-1222**

**SECTION 2: HAZARD(S) IDENTIFICATION**

**EMERGENCY OVERVIEW:** Clear liquid with an ammoniacal odor. Causes eye irritation.

**OSHA HCS CLASSIFICATION (29 CFR 1910.1200)**

Eye Damage/Irritation	Category 2A
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**Signal Word:** WARNING  
**Hazard Statement(s):** Causes serious eye irritation.  
**Precautionary Statement(s):** **Prevention:** Wear eye or face protection. Wash hands thoroughly after handling.  
**Response: If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: seek medical attention.  
**Storage:** No statements required.  
**Disposal:** No statements required.

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

Chemical Name	CAS Number	Weight %
Ammonium Nonanoate	63718-65-0	40.0%

\*Ingredients not listed or listed with a weight % range are considered a trade secret and are withheld under 29 CFR 1910.1200(j).

**SECTION 4: FIRST AID MEASURES**

<b>IF IN EYES:</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call poison control center or doctor for treatment advice
<b>IF ON SKIN OR CLOTHING:</b>	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>IF INHALED:</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice
<b>IF SWALLOWED:</b>	Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person
<b>Most important symptoms/effects, acute and delayed:</b> Eye irritation including redness, watering and pain.	

**SECTION 5: FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media:</b>	Water fog, foam, dry chemical, carbon dioxide (CO <sub>2</sub> ), water spray
<b>Unsuitable Extinguishing Media:</b>	None known
<b>Hazardous Combustion Products:</b>	Thermal decomposition may include toxic and irritating gases.
<b>Special Protective Equipment &amp; Precautions:</b>	Wear NIOSH/MSHA approved self-contained breathing apparatus and full bunker gear. Dike area to prevent runoff and contamination of water sources. Dispose of fire control water later. Avoid breathing vapors; keep upwind.
<b>Unusual Fire &amp; Explosion Hazards:</b>	None known

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	See Section 8 for personal protection equipment.
<b>Environmental Precautions:</b>	Do not allow spilled product to enter sewers or waterways.
<b>Methods for Containment:</b>	Contain spilled product by diking area with sand or earth. Cover contained spill with an inert absorbent material such as sand, vermiculite or other appropriate material. Vacuum, scoop or sweep up material and place in a container for disposal. Do not place spilled material back in original container.
<b>Methods for Clean-up:</b>	
<b>Other Information:</b>	None known

**SECTION 7: HANDLING AND STORAGE**

<b>Handling:</b>	RECOMMENDATIONS ARE INTENDED FOR MANUFACTURING, PACKAGING AND COMMERCIAL BLENDING WORKERS. PESTICIDE APPLICATORS AND HANDLERS must refer to the product label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation during handling and use. Immediately clean up spills that occur during handling. Keep containers closed when not in use. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.
<b>Storage:</b>	Store in a secured area away from children, feed and food products. Store in original container only and in a cool, well-ventilated dry place above the minimum storage temperature.
<b>Storage Temperature (Min/Max):</b>	Do not store below 32°F (0°C).
<b>Product Incompatibilities:</b>	None known

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines:**

COMPONENT	OSHA PEL	ACGIH TLV	NIOSH REL
None listed			

**Engineering Controls:** Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs or other specified exposure limits. Local exhaust ventilation is preferred.

**Respiratory Protection:** For most well-ventilated conditions, no respiratory protection should be needed. If airborne concentrations exceed permissible levels or if a pre-existing respiratory condition exists, use a NIOSH approved air-purifying respirator with cartridges/canisters approved for general particulates.

**Eye Protection:** Wear chemical goggles or safety glasses and full face shield. Contact lenses are not protective eye devices.

**Protective Gloves:** Wear chemically protective gloves.

**Other Protective Clothing:** Wear long-sleeve shirt, long pants and shoes plus socks to prevent skin contact.

**General Safety Measures:** Never eat, drink, nor use tobacco in work areas. Practice good hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance:</b>	Clear, pale liquid	<b>Upper/Lower Flammability Limits:</b>	Not determined
<b>Odor:</b>	Ammoniacal	<b>Vapor Pressure:</b>	Not determined
<b>Odor Threshold:</b>	Not determined	<b>Vapor Density:</b>	Not determined
<b>pH (40% w/w):</b>	8.0 – 9.0	<b>Relative Density:</b>	1.0 (typical)
<b>Melting /Freezing Point:</b>	Not determined	<b>Solubility (water):</b>	Soluble (in cold water)
<b>Boiling Point/Range:</b>	219.9°F (104.4°C)	<b>Partition Coefficient:</b>	Not determined
<b>Flash Point:</b>	Not combustible	<b>Auto-ignition Temperature:</b>	Not determined
<b>Evaporation Rate:</b>	Not determined	<b>Decomposition Temperature:</b>	Not determined
<b>Flammability:</b>	Not applicable	<b>Viscosity:</b>	0.61 cm <sup>2</sup> /s (61 cSt)

**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity:** None known

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Will not occur

**Conditions to Avoid:** None known

**Incompatible Materials:** None known

**Hazardous Decomposition Products:** Thermal decomposition may include toxic and irritating gases.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**Likely Routes of Exposure:** Eye contact, Skin contact, Inhalation, Ingestion

**Symptoms of Exposure:** Eye irritation including redness, watering and pain.

**Oral LD<sub>50</sub>:** >5000 mg/kg (rat)

**Dermal LD<sub>50</sub>:** >2000 mg/kg (rabbit)

**Inhalation LC<sub>50</sub>:** Not determined

**Eye Irritation/Damage:** Severe irritant (rabbit).

**Skin Corrosion/Irritation:** Not determined

**Skin Sensitization:** Not determined

**Chronic/Sub-chronic Toxicity:** No data available

**Mutagenicity:** No data available

**Reproductive Toxicity:** No data available

**Neurotoxicity:** No data available

**Target Organs:** No data available

**Aspiration Hazard:** None

**Carcinogenicity:**

Chemical Name	ACGIH	IARC	NTP	OSHA
None listed				

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOTOXICITY DATA:**

<b>Fish Toxicity:</b>	Not determined
<b>Aquatic Invertebrate Toxicity:</b>	Not determined
<b>Aquatic Plant Toxicity:</b>	Not determined
<b>Avian Toxicity:</b>	Not determined
<b>Honeybee Toxicity:</b>	Not determined

**ENVIRONMENTAL**

**EFFECTS:**

<b>Persistence and Degradability:</b>	Not determined
<b>Bioaccumulation:</b>	Not determined
<b>Mobility:</b>	Not determined
<b>Other Adverse Effects:</b>	Not determined

**SECTION 13: DISPOSAL CONSIDERATIONS**

<b>Waste Disposal:</b>	Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
<b>Container Disposal:</b>	Triple rinse and recycle the container or dispose of in accordance with Federal, state and local laws and regulations. See pesticide label for full instructions on container disposal.
<b>RCRA Characteristics:</b>	It is the responsibility of the individual disposing of this product to determine the RCRA classification and hazard status of the waste.

**SECTION 14: TRANSPORTATION INFORMATION**

<b>DOT (Ground):</b>	This product is not regulated by the U.S. Department of Transportation as a hazardous material for ground shipment.
<b>IMDG (Sea):</b>	This product is not regulated by the IMDG as a hazardous material for shipment by sea.
<b>IATA (Air):</b>	This product is not regulated by the IATA as a hazardous material for shipment by air.

**SECTION 15: REGULATORY INFORMATION**

**TSCA Inventory:** This product is exempt from TSCA listing requirements as it is solely for FIFRA regulated use.

**EPA Labeling Information (FIFRA):** This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**WARNING**

Causes substantial, but temporary eye irritation. Do not get in eyes or on clothing. Wear goggles. Harmful if inhaled. Avoid breathing spray mist. Causes moderate skin irritation. Avoid contact with skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using toilet. Remove and wash contaminated clothing before reuse.

**SARA Title III Information:**

<b>Section 302 – Extremely hazardous substances:</b>	None listed
<b>Section 311/312 – Hazard Categories:</b>	Immediate (Acute)



## Prizefighter

**Section 313** – This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	CAS Number	Weight %	SARA 313 – Threshold Values %
None listed			

**CERCLA** – This product contains the following chemicals which have a reportable quantity (RQ) under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA):

Chemical Name	CAS Number	RQ	Quantity of Finished Product
None listed			

### CALIFORNIA PROPOSITION 65:

Chemical Name	CAS Number	Prop 65 Category(ies)
None listed		

### U.S. STATE RIGHT-TO-KNOW REGULATIONS:

Chemical Name	New Jersey	Massachusetts	Pennsylvania
None listed			

### SECTION 16: OTHER INFORMATION

<b>NFPA</b>	<b>Health Hazards 2</b>	<b>Flammability 0</b>	<b>Instability 0</b>	<b>Special Hazards – None</b>
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