

Issue Date: 24-Feb-2016

Revision Date: 05-Sept-2023

Version 3

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name United 233 NIGHT STALKER

Other means of identification

SDS # UNITED-233

Recommended use of the chemical and restrictions on use

Recommended Use A Mop Water Roach Killer

Uses Advised Against For industrial and institutional use only.

Details of the supplier of the safety data sheet

Supplier Address

United Laboratories, Inc.
320 37th Avenue
St. Charles, IL 60174
www.unitedlabsinc.com
www.unitedlabsinc.ca

Emergency Telephone Number

Company Phone Number 800-323-2594 (to reorder)
Emergency Telephone (24 hr) INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Appearance Pale blue powder

Physical State Powder

Odor Odorless

Classification

Not classified

GHS-US labeling

No labeling applicable

Other hazards

No additional information available

Unknown acute toxicity (GHS US)

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name	Product identifier	%	Classification (GHS-US)
Orthoboric Acid (boric acid)	10043-35-3	99	None

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General	Consult a physician or poison control center. Provide this SDS to medical personnel. Move out of hazardous areas.
Eye Contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin Contact	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.
Inhalation	Remove the victim into fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.
Ingestion	Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects

Symptoms	Boric acid may cause gastrointestinal discomfort with ingestion of more than an incidental amount.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	No additional information available.
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5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water spray. Dry chemical powder. Carbon dioxide. Alcohol-resistant foam.

Specific Hazards Arising from the Substance or Mixture

Borane/boron oxides.

Protective equipment and precautions for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Avoid contact with spilled product and contaminated surfaces. Evacuate personnel to safe areas during emergencies. For safe handling instructions see Section 7. For proper PPE see Section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not allow release directly to water, to areas where surface water is present or in intertidal areas below the mean high-water mark.

Methods and material for containment and cleaning up

Methods for Containment and methods of clean-up

Sweep up any spilled material and dispose of according to instructions in Section 13. Vacuuming or wet sweeping may be used to avoid dust disposal. Wash contaminated surfaces with soap and water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene practices. Wash hands thoroughly with soap and water after use and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse. For additional precautions see Section 2.

Conditions for safe storage, including any incompatibilities

Store product tightly sealed in original container. Store in dry location as product may clump or aggregate if left in areas with excessive moisture or high humidity. Do not store where children or animals may gain access.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Components with workplace parameters: None

Appropriate engineering controls

Ensure relevant engineering controls are employed or prevent exceeding threshold values for the listed control parameters in Section 8.

Individual protection measures, such as personal protective equipment

In normal use and handling conditions refer to the product label for required PPE. In all other cases the following recommendations would apply.

Eye/face protection: Safety glasses or other similar eye protections conforming to ANSI Z87.1 standards recommended when handling product.

Skin protection: Chemical resistant nitrile rubber or similarly compatible gloves recommended when handling product. Dispose of contaminated gloves after use in accordance with applicable local and state regulations. Wash exposed skin with soap and water immediately. Wash all contaminated clothing prior to reuse.

Respiratory protection: Not required under normal use conditions. Particulate respirator recommended when risk assessment shows need for air-purifying respirators, such as when working in enclosed spaces.

Thermal hazards: None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Powder	Odor	Odorless
Appearance	Pale blue powder		
Color	Pale blue		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
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pH	5.1 @ 1% in water (22.0°C)
Melting point	No data available
Freezing point	No data available
Boiling point	212°F/100°C
Flash point	No data available
Relative evaporation rate	No data available
Flammability	No data available
Explosion limits	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapor pressure	No data available
Relative density	0.71 g/ml
Relative vapor density	No data available
Specific gravity/density	0.71 (H ₂ O=1)
Solubility in water	4.7% in water (20°C)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available
VOC Content	None

10. STABILITY AND REACTIVITY

Reactivity

No information available.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

No information available.

Conditions to Avoid

Exposure to moisture.

Incompatible Materials

Potassium, acid anhydrides, substances sensitive to protic materials.

Hazardous Decomposition Products

Other decomposition products – no information available. If an event of a fire: See Section 5.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Chemical	Oral LD50	Dermal LD50	Inhalation LD50
Orthoboric Acid 10043-35-3	3450 mg/kg (Rat)	>2000 mg/kg (Rat)	2.12 mg/l

Skin Corrosion/Irritation	Slight skin irritation. (OECD Test Guideline 404)
Serious Eye Damage/Irritation	Moderate eye irritation. (OECD Test Guideline 405)
Respiratory or skin sensitization	No known sensitizer.
Germ cell mutagenicity	No known mutagen.

Carcinogenicity	No component of this product presents levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP and OSHA
Reproductive toxicity	In animal feeding tests, boric acid has been shown to impair fertility at very high doses. However, decades of occupational exposure in humans have shown no adverse effects associated with this material.
Specific target organ toxicity (single exposure)	No information available.
Specific target organ toxicity (repeated exposure)	No information available.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

Persistence/Degradability
No information available.

Bioaccumulative potential
No information available.

Mobility in soil
No information available.

Other adverse effects.
No information available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Waste Disposal Recommendations	The best disposal method is to use the entire quantity per label directions. If it is necessary to dispose of unused material then follow the label instructions and relevant local, state and federal waste disposal guidelines.
Product Disposal	Do not contaminate water, food or feed by storage or disposal. If empty: Place in trash or offer the recycling if available. If partly filled: Call your local solid waste agency.
	See Section 8 for proper PPE and precautionary handling measures.

14. TRANSPORT INFORMATION

<u>DOT</u>	Not regulated.
<u>IATA</u>	Not regulated.
<u>IMDG</u>	Not regulated.

15. REGULATORY INFORMATION

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.

Caution: Keep out of reach of children. Harmful if swallowed or inhaled. Causes moderate eye irritation. Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing dust. Wash hands with soap and water after use and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

This material does not contain any chemical components with known CAS numbers that exceed the threshold (de minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards

None.

California Proposition 65

This product does not contain any chemicals known to the state of California to cause cancer, birth defects or reproductive harm.

TSCA

All components of this produce are listed, exempted, or excluded from listing on the US Toxic Substances Control Act chemical substance inventory.

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 1	Flammability 0	Instability 0	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 1	Flammability 0	Instability 0	Personal Protection B

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet