



# Safety Data Sheet

Issue Date: 09-May-2014

Revision Date: 24-Feb-2016

Version 2

## 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

<b>General</b>	Consult a physician or poison control center. Provide this SDS to medical personnel. Move out of hazardous areas.
<b>Eye Contact</b>	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.
<b>Skin Contact</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>Inhalation</b>	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.
<b>Ingestion</b>	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

<b>Symptoms</b>	Boric acid may cause gastrointestinal discomfort with ingestion of more than an incidental amount.
-----------------	--

##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	No additional information available.
---------------------------	--------------------------------------

#### 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**

<b>Physical State</b>	Powder	<b>Odor</b>	Odorless
<b>Appearance</b>	Pale blue powder		
<b>Color</b>	Pale blue		

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
------------------------	----------------------	--------------------------------

<b>pH</b>	5.1 @ 1% in water (22.0°C)
<b>Melting point</b>	No data available
<b>Freezing point</b>	No data available
<b>Boiling point</b>	212°F/100°C
<b>Flash point</b>	No data available
<b>Relative evaporation rate</b>	No data available
<b>Flammability</b>	No data available
<b>Explosion limits</b>	No data available
<b>Explosive properties</b>	No data available
<b>Oxidizing properties</b>	No data available
<b>Vapor pressure</b>	No data available
<b>Relative density</b>	0.71 g/ml
<b>Relative vapor density</b>	No data available
<b>Specific gravity/density</b>	0.71 (H <sub>2</sub> O=1)
<b>Solubility in water</b>	4.7% in water (20°C)
<b>Auto-ignition temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Kinematic viscosity</b>	No data available
<b>Dynamic viscosity</b>	No data available
<b>VOC Content</b>	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

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

<b>Carcinogenicity</b>	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
<b>Reproductive toxicity</b>	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.
<b>Specific target organ toxicity (single exposure)</b>	No information available.
<b>Specific target organ toxicity (repeated exposure)</b>	No information available.
<b>Aspiration hazard</b>	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**

<b>Waste Disposal Recommendations</b>	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.
<b>Product Disposal</b>	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**

<b><u>DOT</u></b>	Not regulated.
<b><u>IATA</u></b>	Not regulated.
<b><u>IMDG</u></b>	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><b>NFPA</b></u>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Special Hazards</b> Not determined
<u><b>HMIS</b></u>	<b>Health Hazards</b> 1	<b>Flammability</b> 0	<b>Instability</b> 0	<b>Personal Protection</b> B

**Issue Date:** 09-May-2014  
**Revision Date:** 24-Feb-2016  
**Revision Note:** New format

**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**