

# SAFETY DATA SHEET

Last updated May 15, 2015

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Trade Name:** **Bed Bug Eliminator**  
**Manufacturer Article No:** #9100  
**Recommended Use:** Bed Bug Eliminator  
**Uses Advised Against:** For Industrial and Institutional Use Only  
**Manufacturer/Supplier:** ARROW CHEMICAL CORPORATION  
28 RIDER PL. – FREEPORT, N.Y. 11520

**Product Identifier:** BBE-1 (Gallon) / BBE-32 (Quarts)

**Company Phone #** (516) 377-7770

**Emergency Phone (24 Hrf) Infotrac** 1-800-535-5053 (North America)  
1-352-323-3500 (International)

## 2. HAZARDS IDENTIFICATION

### GHS Classification

2.1. Classification of the substance or mixture

2.2 Label Elements

Hazard Pictograms (GHS-US)



Signal word (GHS-US) : Warning

Hazard Statements: Causes eye irritation.

Precautionary Statements:

Prevention: Wash hands and any exposed skin thoroughly after handling.

Response:

Eyes 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: Get medical attention.

Specific Treatment: See Safety Data Sheet Section 4: "FIRST AID MEASURES" for additional information.

Storage: Not Applicable

Disposal: Not Applicable

Hazards Not Otherwise Classified: Not Applicable

Other Information:

- May be harmful if swallowed.
- May cause skin irritation.
- Inhalation of vapors or mist may cause respiratory irritation.
- Keep out of reach of children.

2.3 Other hazards

No additional information available

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### CONTAINING: HAZARDOUS AND /OR REGULATED COMPONENTS

<u>Chemical Names</u>	<u>Amount</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TWA</u>
Active Ingredients				
Sodium Lauryl Sulfate	<5%	151-21-3	Not Listed	Not Listed
Geranium Oil	<1%	8000-46-2	Not Listed	Not Listed
<u>Chemical Names</u>	<u>Amount</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TWA</u>
Inactive Ingredients				
Water	Proprietary	7732-18-5	Not Listed	Not Listed
Citric Acid	Proprietary	77-92-9	Not Listed	Not Listed
Ethyl Lactate	Proprietary	97-64-3	Not Listed	Not Listed
Essential oil mixture	Proprietary	Blend	Not Listed	Not Listed

\*Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

**NOTE:** Balance of other components that are present are non-hazardous or hazardous in less than 1 percent concentration (0.1% concentration for potential carcinogens, reproductive toxins, respiratory tract sensitizers and mutagens).

**HAZARDS DISCLOSURE:** This product does not contain known hazardous materials in reportable levels as defined by the OSHA Hazard Communication Standard 29 CFR 1910, 1200 except as listed above. As defined under Sara 311 and 312. This product contains known hazardous materials.

## 4. FIRST AID MEASURES

<b>Eye Contact:</b>	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
<b>-Skin Contact:</b>	Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical attention.
<b>-Inhalation:</b>	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison control center or physician if you feel unwell.
<b>-Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if you feel unwell.
<b>Note to Physicians:</b>	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:** Non-flammable **AUTO**

**IGNITION TEMPERATURE:** Not applicable **FLASH POINT:**

Not applicable

**FLAMMABLE LIMITS IN AIR, % BY Volume:** lel:NA; uel:NA

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire conditions.

**FIRE & EXPLOSION HAZARDS:** None.

**SPECIAL INFORMATION:** In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face-piece operated in the pressure demand or other positive pressure mode.

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEAN-UP PROCEDURES:** Absorb with an inert material, pickup and put the spilled material in an appropriate container.  
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waste disposal container.

## 7. HANDLING AND STORAGE

**RECOMMENDED STORAGE & HANDLING CONDITIONS:** Protect against physical damage.  
Store in a cool and dry location.

**HANDLING (PERSONNEL):** Handle in accordance with good hygiene and safety practices. Avoid contact with eye.  
Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**AIRBORNE EXPOSURE LIMITS:** See Section 2

**VENTILATION SYSTEM:** A system of local and/ or general exhaust is recommended to keep exposures below the Airborne Exposure Limits.

**RESPIRATORY PROTECTION:** Not required for this product. For known vapor concentrations above the occupational exposure guidelines (see below), use a NIOSH-approved organic vapor respirator if adequate protection is provided. Protection factors vary depending upon the type of respirator used. Respirators should be used in accordance with OSHA requirements (29 CFR 1910.134).

**SKIN PROTECTION:** Not normally required with this product. Use appropriate protection to prevent skin contact.

**EYE PROTECTION:** Use safety glasses where splashing is possible.

**GOOD HYGIENE CONDITIONS:** Use good hygiene practices.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Odorless

**SOLUBILITY IN WATER:** Soluble

**MELTING POINT:** N.A

**AUTO IGNITION TEMPERATURE:** N.A

**pH:** NE

**BOILING POINT:** 212°F

**SPECIFIC GRAVITY:** 1 (Water = 1) **EVAPORATION RATE (BuAc = 1):** NE **FLASH POINT:** N.A

**VAPOR PRESSURE:**N.A

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under ordinary conditions of use and storage.

**CONDITIONS TO AVOID:** None known **HAZARDOUS**

**POLYMERIZATION:** Will not occur. **INCOMPATIBILITY WITH**

**OTHER MATERIALS:** None **HAZARDOUS DECOMPOSITION:**

None

## 11. TOXICOLOGICAL INFORMATION

**Toxicological Data;**

Ingredients: No LD50 Data available

Carcinogenic effects: Not available

Mutagenic effects: Not available

Teratogenic effects: Not available

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Cancer Lists

— NTP Carcinogen —

Ingredient

Known

Anticipated

IARC Category

All ingredients

No

No

None

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL FATE:**

No data available

**ENVIRONMENTAL TOXICITY:**

This material is not toxic to aquatic life.

## 13. DISPOSAL CONSIDERATIONS

**WASTER DISPOSAL:**

Recover, reclaim or recycle when practical.

Dispose of material in accordance with federal, state and local requirements.

## 14. TRANSPORTATION INFORMATION

Domestic (Land, D.O.T.), International (Water, I.M.O.), International (Air, I.C.A.O.):

PRODUCT LABEL: Eco Bed Bug Assassin

NON-REGULATED MATERIAL

## 15. REGULATORY INFORMATION

**FEDERAL REGULATORY STATUS**

**Chemical Inventory Status - Part 1**

Ingredient

TSCA

EC

Japan

Australia

All ingredients

YES

YES

YES

YES

**Chemical Inventory Status - Part 2**

CANADA

Ingredient

Korea

DSL

NDSL

Phil.

All ingredients

YES

YES

NO

YES

**Federal, State & International Regulations - Part 1**

Ingredient

-SARA 302-

-SARA 313-

RQ

TPO

List

Chemical Catalog

All ingredients

NO

NO

NO

NO

**Federal, State & International Regulations - Part 2**

Ingredient

CERCLA

-RCRA-

-TSCA-

All ingredients

NO

261.33

NO

8(d)

NO

Chemical Weapons Convention: No  
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TSCA 12(b): No

CDTA: No

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Clean Water Act (CWA) 307: No products were found.

Clean Water Act (CWA) 311: No products were found.

Clean Air Act (CAA) 112 accidental release prevention: No products were found. Clean Air

Act (CAA) 112 regulated flammable substances: No products were found. Clean Air Act

(CAA) 112 regulated toxic substances: No products were found.

**SARA 311/312:** Acute: No Chronic: No Fire: No Pressure: No Reactivity: Yes (Pure/Liquid)

## STATE REGULATIONS:

Found on the following state right to know lists: None

## PROP 65 - WARNING:

THIS PRODUCT DOES NOT CONTAIN A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

## CANADA:

All ingredients are listed on Canada's DSL List.

**WHMIS:** This SDS has been prepared according to the hazard criteria of the Controlled Products

Regulations (CPR) and the SDS contains all of the information required by the CPR.

WHMIS Classification: Not classified

This material or all of its components are listed on the Inventory of Existing Chemical Substances under the Toxic

Substance Control Act (TSCA). This material or all of its components are listed on the Canadian Domestic

Substances List (DSL).

**SDS Date:** May- 2015

**Revision Date:** New

**Reasons for Revision:** NA

## Disclaimer:

The information provided in this Material 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**

END OF SDS