

MATERIAL SAFETY DATA SHEET

BED BUGS NO MORE!

1. Product and Company Identification

Product Name: Bed Bugs No More!

Manufacturer: Blue Cross Laboratories
20950 Centre Pointe Parkway
Santa Clarita, CA 91350

Telephone: 661-255-0955

Fax: 661-255-3628

General Use: Insect Control

Date: November 1, 2010

2. Ingredients

Chemical Name	CAS Number	% by Wt	PEL/TLV
Clove oil	8000-34-8	1.0	Not available
Cinnamon oil	8007-80-5	0.6	Not available
Peppermint oil	68917-18-0	0.5	Not available

3. Hazards Identification

EMERGENCY OVERVIEW (OSHA Hazards): Irritating to eyes and skin.

For detailed toxicological information see Section 11.

4. First Aid Measures

Eye Contact: Immediately flush eyes with large amounts of water for a minimum of 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Do not let exposed individual rub eyes. Seek medical attention.

Skin Contact: Wash exposed area with large amounts of soap and water (minimum of 15 minutes), while removing contaminated clothing (including shoes). Thoroughly clean clothing and shoes before reuse. Seek medical advice if irritation persists.

If Inhaled: If exposure by inhalation is suspected, immediately remove exposed individual to fresh air. If not breathing give artificial respiration. If breathing is difficult or if a cough or other symptoms develop, seek medical attention.

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If Swallowed: Do not induce vomiting. If victim is conscious, dilute by drinking copious amounts of water. DO NOT give fluids by mouth if victim is unconscious. If large volumes are ingested or if symptom appears, seek medical attention or call the Poison Control Center immediately.

5. Fire-Fighting Measures

Flash Point (TCC): Non-combustible (>200 F(93 C))

Extinguishing Media: Water, foam, or carbon dioxide, dry chemical, or other extinguishing media as appropriate to the surrounding fire. Do not use water jet.

Special Firefighting Procedures: For larger quantities, evacuate nonessential personnel downwind of fire to avoid inhalation of irritating fumes and smoke. Self-contained breathing apparatus (positive pressure NIOSH approved), full protective gear, and impervious clothing is recommended for firefighters.

Unusual Fire and Explosive Hazards: None known.

HMIS/NPCA Ratings: Health 1; Flammability 1; Reactivity 0

NFPA Ratings: Health 1; Flammability 1; Reactivity 0

6. Accidental Release Measures

Spill or Leak Procedures: For larger spills, evacuate nonessential personnel. Soak up spills with absorbent material and scoop into drums. Use caution to avoid falls from slippery conditions. Wear appropriate protective gear to prevent eye and prolonged skin contact. Use appropriate containment to avoid runoff or release to sewer or waterways.

Review each section of this MSDS before responding to a spill or leak of this product. For detailed disposal information, see section 13.

7. Handling and Storage

Do not get in eyes or on skin or clothing. When handling larger quantities, wear chemical goggles or face shield, rubber gloves, long sleeve shirt, long pants, and boots. Wash thoroughly after handling. DO NOT SWALLOW.

Store in cool, dry, well-ventilated area. Keep away from heat. Avoid contact and do not store with incompatible materials. Keep containers closed when not in use.

8. Precautionary Measures

For handling of larger quantities, chemical safety goggles or face shield, chemical resistant gloves, impervious clothing, long sleeve shirt, long pants, and rubber boots are required.

When handling or transferring larger quantities, eye wash fountains and safety showers are strongly recommended.

Local exhaust or general mechanical ventilation as required to minimize exposure or to maintain exposure levels per OSHA/ACGIH requirements. Not normally required in areas where good ventilation is maintained. Otherwise, wear self-contained breathing apparatus (pressure demand, MSHA/NIOSH approved or equivalent).

9. Physical and Chemical Properties

Appearance: Semi opaque
Odor: Characteristic cinnamon odor
Specific Gravity (@20° C): Typical 1.0
Flash Point (TCC): Non-combustible (>200°F (93° C))
Boiling point: >212°F (>100°C)
Freezing Point: 32°F (0°C)
Melting Point: N/A
pH: 4-8
Solubility: Slightly soluble in water
Vapor Pressure: N/T
Vapor Density (AIR=1): N/T
Viscosity: N/T
Moisture: N/T

N/A – Not Applicable, N/T – Not Tested

Note: The above represent typical values and should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.

10. Stability and Reactivity

Chemical Stability: Stable
Incompatibility: Avoid contact with strong oxidizers.
Hazardous Decomposition Products: Thermal decomposition may release gases such as oxides of carbon and sulfur.
Hazardous Polymerization: Will not occur.
Product Shelf Life: 3 years

11. Toxicological Information

Irritant Data: Irritating to eyes and skin.
Primary Routes of Exposure (Acute)
Eye and Skin Exposure: Irritating to skin and eyes.
Inhalation: Inhalation of large amounts of vapors may be irritating to nose, throat, and respiratory system.
Ingestion: Swallowing this product may cause gastrointestinal irritation.

Primary routes of Exposure (Chronic)
The effects from chronic exposure to this product have not been fully evaluated.

Carcinogenicity Information: No components of this product are listed a a carcinogen by IARC, NTP, OSHA, or ACGIH.

Target Organ Effects: Eyes and skin are expected to be the primary target organs of this product.

12. Ecological Information

Environmental Information: When used for its intended purpose this product should not cause adverse effects in the environment.

13. Disposal Considerations

Disposal Procedures: Dispose of waste at an appropriate waste disposal facility according to current applicable federal, state and local regulations. Refer to the product label for detailed disposal information.

14. Shipping Information

DOT (HM-215) Classification: Not regulated

DOT Reportable Quantity (RQ): This product does not contain a listed DOT Reportable Quantity

DOT Marine Pollutant: This product does not contain a listed DOT Marine Pollutant.

IATA/IACO (Air) Classification: Not regulated.

15. Regulatory Information

Additional Federal, State and Local regulations may also be applicable.

CERCLA: No components of this product are listed as Hazardous Substances.

FIFRA: All requirements are met under section 25(b) to identify this product as a Minimum Risk Pesticide. Therefore, it is exempted from the requirements of FIFRA.

State Pesticide Registration: Regulations for registration of 25(b) Minimum Risk Pesticides vary by State. Specific information is available upon request.

OSHA Hazard Communication Standard: This product is hazardous as defined by the OSHA Hazard communication Standard (29 CFR 1910.1200).

SARA 302, Extremely Hazardous Substance (EHS): This product does not contain any components that are listed as Extremely Hazardous Substances.

SARA 312 Hazard Category: Immediate (acute) health hazard.

SARA 313 Toxic Chemical List: This product does not contain any components that are subject to the reporting requirements of section 313 of the Emergency Planning and community Right-To-Know Act (40 CFR 372).

TSCA: All components of this product are listed on the TSCA Inventory.

This Material Safety Data Sheet was prepared to comply with the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Blue Cross Laboratories provides no warranties, either expressed or implied and assumes no responsibility for the accuracy or completeness of the data contained herein. The data contained in this Material Safety Data Sheet reflects the latest information available to us on hazards, properties, and handling of this product under the recommended conditions of use. The information on this Material Safety Data Sheet relates only to the material as supplied and does not relate to combinations with other materials or processes.