

# MATERIAL SAFETY DATA SHEET – MRP

## Section 1 – Chemical Product & Company Identification

**Trade Name:** Hygea Natural Bed Bug & Lice Spray  
**Chemical Family:** Mixture  
**Product Description:** Minimum risk pesticide

**Manufacturer:** Hygea Products LLC  
115 S Main St  
Freeport, NY 11520

**Issue Date:** 11/01/2020  
**Supersedes Date:** none

## Section 2 – Hazards Identification

**Emergency overview:** Moderately irritating to the eyes. Mild skin irritation.

### Potential Health effects

**Eyes:** May cause irritation unless immediately rinsed.  
**Skin:** May cause irritation upon prolonged contact.  
**Inhalation:** Unknown  
**Ingestion:** May cause irritation to the mouth and throat. May cause nausea.

## Section 3 – Composition / Information on Ingredients

<b>Active Ingredients</b>	<b>CAS #</b>	<b>Wt.%</b>	<b>Exposure Limits</b>
Sodium lauryl sulfate	151-21-3	5.00	None Established
Sodium chloride	9005-46-3	1.00	None Established
Citric Acid	24634-61-5	0.20	None Established
<b>Other Ingredients</b>			
Water	7732-18-5	-----	None Established *
Yeast	68876-77-7	-----	None Established *
Acetic acid	64-19-7	-----	None Established *

\* All ingredients listed total 100%

MRP conforms to 40 CFR 152.25(f)(1&2) as a minimum risk pesticide.

## Section 4 – First Aid Measures

### First aid procedures

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Flush skin with large amounts of water. Remove any contaminated clothing and wash before reuse. Seek medical attention if irritation occurs.

**Inhalation:** If symptoms are experienced, remove source of contamination and/or move victim to fresh air. If breathing is difficult, have trained personnel administer

oxygen. If respiration stops, have trained personnel administer artificial respiration. Get medical attention immediately.

**Ingestion:** Give large amounts of water. Do not induce vomiting. If spontaneous vomiting is inevitable, prevent aspiration by keeping victim's head below the knees. Get immediate medical attention.

## **Section 5 – Fire Fighting Measures**

**Flash Point:** None

### **Extinguishing**

**Media:** Water fog or fine spray, carbon dioxide, dry chemical or foam.

### **Fire fighting**

**Protection:** As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## **Section 6 – Accidental Release Measures**

### **Personal**

**Precautions:** Isolate area. Keep unnecessary personnel away. Keep out of low areas. Ventilate closed spaces before entering.

### **Environmental**

**Precautions:** Prevent further leakage or spillage if safe to do so.

### **Methods for**

**Containment:** Prevent entry into waterways, sewers, basements or confined areas.

### **Methods for**

**Clean-up:** Wear appropriate protective equipment and clothing during clean-up.

Large spill: Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Dispose in accordance with all local, state and federal regulations.

Small spill: Follow same procedure as above.

## **Section 7 – Handling and Storage**

**Handling:** Avoid contact with skin and eyes. Wash hands thoroughly after handling.

**Storage:** Store this product below 120°F (49°C), preferably below 75°F (24°C), in a cool, dry, well ventilated area away from heat, sparks, flame, oxidizers and out of direct sunlight. For best results, use within 12 months.

## **Section 8 – Exposure Controls, Personal Protection**

### **Personal Protection**

**General:** Eye wash fountain is recommended.

**Eyes:** Wear chemical goggles.

**Skin:** Wear suitable protective clothing. Use impervious gloves.

## Section 9 – Physical & Chemical Properties

**Specific Gravity:** ~1.01 – 1.03 @ 77° F (25° C)  
**Solubility in water:** Complete  
**VOC:** Negligible  
**Appearance:** Translucent amber liquid  
**pH:** 3.3 – 3.95 @ 77° F (25° C)  
**Weight:** 8.4 – 8.5 lbs. /gallon  
**Odor:** Mild characteristic

## Section 10 – Stability & Reactivity

**Chemical Stability:** Stable at normal conditions.  
**Incompatible Materials:** Strong oxidizing agents, alkalis  
**Hazardous Decomposition Products:** None known.  
**Conditions to avoid:** See Section 7.  
**Hazardous Polymerization:** Will not occur.

## Section 11 – Toxicology Information

**Toxicology data:** Not established.

## Section 12 – Ecological Information

**Ecotoxicity:** Readily biodegradable.

## Section 13 – Disposal Considerations

**Disposal instructions:** Dispose in accordance with all applicable regulations. All wastes must be handled in accordance with local, state and federal regulations. Regulations vary.

## Section 14 – Transportation Information

**General information:** Non-hazardous.

### US DOT

**Proper Shipping Description:** NMFC 48580.3 Cleaning/Scouring/Wash Comp  
Class 55

## **Section 15 – Regulatory Information**

**TSCA Inventory Status:** This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

**DSL (Canada):** This product and/or all of its components are either included on or exempt from the Domestic Substances List.

## **Section 16 – Other Information**

**HMIS ratings:** Health: 1  
Flammability: 0  
Physical hazard: 0

**NFPA ratings:** Health: 1  
Flammability: 0  
Reactivity: 0

**Disclaimer:** This product has not been registered by the United States Environmental Protection Agency. Bed Bug 911 Corp. represents that this product qualifies for exemption from registration under the Federal Insecticide, Fungicide and Rodenticide Act. The information herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.