

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

Active Ingredients	CAS #	Wt.%	Exposure Limits
Sodium lauryl sulfate	151-21-3	5.00	None Established
Sodium chloride	7647-14-5	1.00	None Established
Citric Acid	77-92-9	0.20	None Established
Other Ingredients			
Water	7732-18-5	90.3	None Established *
Urea	57-13-6	1.00	None Established *
Sodium Benzoate	532-32-1	1.00	None Established *
Potassium Sorbate	24634-61-5	1.50	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.