

A Plus Natural Enzymes Ready to Use Contact Kill and Residual Bedbug Eliminator

SAFETY DATA SHEET (SDS)

Section 1 – Chemical Product & Company Identification

Trade Name: A Plus Natural Enzymes Ready to Use Contact Kill and Residual Bedbug Eliminator

Chemical Family: Mixture

Product Description: Minimum risk pesticide

Manufacturer: Plus Natural Solutions Worldwide, Inc.

Technical Support: 847-676-3477

Chemical Emergency: 800-222-1222

Issue Date: 09-27-2013

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 0.2474 None Established

Sodium chloride 9005-46-3 0.0834 None Established

Potassium sorbate 24634-61-5 0.0089 None Established

Other Ingredients

Water 7732-18-5 ----- None Established

Silica Amorphous fumed (crystalline free) 112945-52-5

Yeast 68876-77-7 ----- None Established

Vinegar (less than 8% acetic acid in solution) 64-19-7 ----- None Established

MRP conforms to FIFRA 25(b) Exemption 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 pressuredemand, 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 qualifies for exemption from registration under Federal Insecticide, Fungicide and Rodenticide Act. (FIFRA) This product has not been registered by the United States Environmental Protection Agency (EPA).

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