

# SAFETY DATA SHEET – A Plus Natural Enzymes Bedbug Eliminator Contact Kill and Residual Concentrate

## Section 1 – Chemical Product & Company Identification

**Trade Name:** A Plus Natural Enzymes Bedbug Eliminator Contact Kill and Residual Concentrate

**Chemical Family:** Mixture

**Product Description:** Minimum risk pesticide

**Manufacturer:** Plus Natural Solutions Worldwide, Inc.

**Technical Support:** 847-676-3477

**Chemical Emergency:** 847-676-3477

**Issue Date:** 05/28/2015

**Supersedes Date:**

## 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	0.2474	None Established
Sodium chloride	9005-46-3	0.0834	None Established
Potassium sorbate	24634-61-5	0.0089	None Established
<b>Other Ingredients</b>			
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 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

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