

MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **WH-383 Bug Remover Presoak**

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H&P Associates, Inc. DBA WorkHorse Cleaner Products
 P.O. Box 1086, Fairhope, AL 36533
 For Chemical Emergency- Spill, Leak, Fire, Exposure, or Accident
CALL INFOTRAC - DAY OR NIGHT (800) 535-5053 INTL: (352) 323-3500
 For other information call (251) 510-3614 (8am-5pm CST)
 DATE PREPARED: March 1, 2014 SUPERCEDES: N/A

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Component	CAS Reg. No	PEL	TLV	Comments
Potassium Hydroxide	1310-58-3	2mg/m3	2mg/m3	
Polyoxyethylene Decyl Ether	61827-42-7	N/E	N/E	

3. HAZARDS IDENTIFICATION

Emergency Overview
 Product poses some immediate concerns for health or safety. Contains potassium hydroxide. Immediately wash exposed areas with clean water.

Potential Health Effects
Eyes: Mist may be irritating to eyes
Skin: Prolonged contact may cause irritation.
Ingestion: May cause nausea and irritation to mouth and throat.
Inhalation: Mist may be mildly irritating to the upper respiratory tract.
Chronic Effects: None known
Signs and Symptoms: Irritation of eyes, skin and mucous membranes.

Potential Environmental Effects
 None known

4. FIRST AID MEASURES

First Aid Procedures
Eyes: Remove contact lenses if worn. Flush eyes for 15 minutes with clean water being sure to rinse under eyelids. Seek medical attention.
Skin: Remove contaminated clothing and wash with soap and water.
Ingestion: Do not induce vomiting. Seek immediate medical attention.
Inhalation: Remove to fresh air. If difficulty in breathing occurs, seek medical attention.

Notes to Physicians
 None

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES: Flash Point(Method): None
EXTINGUISHING MEDIA: Water fog, dry chemical, carbon dioxide or alcohol compatible foam.
PROTECTION OF FIREFIGHTERS: No special equipment is necessary. Keep fire exposed containers cool with water.

6. ACCIDENTAL RELEASE MEASURES

Contain the spill. Mop up or absorb onto absorbent material and collect for disposal. Dispose of in accordance with all Federal, State, local or corporate regulations. Read and understand MSDS before using this product.

7. HANDLING AND STORAGE

HANDLING: Keep container closed when not in use. Wear appropriate personal protective equipment when handling this product. Avoid spills.
STORAGE: Store in a cool dry area. Avoid extremes of temperature. **KEEP OUT OF REACH OF CHILDREN.**

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8 - EXPOSURE CONTROL AND PERSONAL PROTECTION

ENGINEERING CONTROLS: Use this product in a well ventilated area.

PERSONAL PROTECTIVE EQUIPMENT:

Eye/Face Protection: Wear safety glasses if splashing of product is likely.

Skin Protection: Wear rubber or neoprene gloves when handling this product.

General Hygiene Considerations: Wash thoroughly after handling. Avoid breathing mist or vapor. Avoid contact with eyes or skin.

Exposure Guidelines: See Composition Section for exposure guidelines.

9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Liquid

Odor: detergent

pH: Concentrate- 12 to 13

Vapor Density: N/A

Boiling Point: 212 degrees F

Solubility: Soluble in water

Specific Gravity: 1.05

VOC content: 0%

Evaporation Rate(Water = 1): 1

10 - STABILITY AND REACTIVITY

This product is stable. Hazardous polymerization will not occur. As a general rule, mix only with water.

11 - TOXICOLOGICAL INFORMATION

No known toxicological hazards. Carcinogenicity: NTP- no; IARC- no; OSHA- no.

12 - ECOLOGICAL INFORMATION

All detergents used in this product are biodegradable. Do not discharge directly to surface waters.

13 - DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State, local and corporate requirements. Avoid disposal by using product for its intended use.

14 - TRANSPORT INFORMATION

Not regulated

15 - REGULATORY INFORMATION

TSCA: All ingredients are listed on the inventory.

SARA Title III(304/311/312/313) Hazard Classes: Not listed

16 - OTHER INFORMATION

This Material Safety Data Sheet complies with OSHA standard 29 CFR 1910.1200 and ANSI Z400.1-1998.

The following hazard ratings are recommended for container labeling.

NFPA (National Fire Protection Association)

Fire	0	0 = Insignificant
Health	2	1 = Slight
Reactivity	0	2 = Moderate
Specific Hazard	none	3 = High
		4 = Extreme

The information contained herein is believed to be accurate but is not warranted to be so. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.