

**Manufactured For Hacco, Inc.  
By Haviland Products Company  
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(Regulatory Office)  
(920) 326-5141  
(Manufacturing Location)**

**In Case of Emergency, Call:  
1-800-498-5743 (U.S. Medical Emergency)  
1-651-523-0318 (International, Medical Emergency)  
1-800-424-9300 (U.S. CHEMTREC)  
1-703-527-3887 (International, CHEMTREC)  
(collect calls will be accepted on all lines)**

### 1. PRODUCT IDENTIFICATION

Product Name: **BioSentry<sup>®</sup> Sow Wash**  
EPA Signal Word: **CAUTION**  
Chemical Name: Alcohol Ethoxylate, Quaternary Ammonium Compounds  
Chemical Class: Cleanser  
Registration Number: Not Required

**Section(s) Revised: New Issue**

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Material	OSHA PEL	ACGIH TLV	Other	NTP/IARC/OSHA Carcinogen
Alcohol Ethoxylate (CAS No. Proprietary)	Not Established	Not Established	Not Established	No
Quaternary Ammonium Compounds, Benzyl-C <sub>12-16</sub> - alkyldimethyl, chlorides (CAS No. 68424-85-1)	Not Established	Not Established	Not Established	No

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specifications.

### 3. HAZARDS IDENTIFICATION

#### Symptoms of Acute Exposure

Ingestion: May be harmful if swallowed.  
Eyes: May cause minor, transient eye irritation (redness).  
Skin: May cause irritation to the skin and mucous membranes.  
Inhalation: May be harmful if inhaled.

#### Emergency Overview

Harmful if swallowed or inhaled. Ingestion may result in gastric disturbances. Inhalation may irritate the respiratory tract.

#### Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide, and/or low molecular weight hydrocarbons.

#### Physical Properties

Appearance: Green liquid  
Odor: Herbal

#### Unusual Fire, Explosion, and Reactivity Hazards

None known.

#### **4. FIRST AID MEASURES**

Have the product container, label, or Material Safety Data Sheet with you when calling a poison control center or doctor, or going for treatment. **FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL 1-800-498-5743 (U.S. Medical Emergencies) or 1-651-523-0318 (International Medical Emergencies, Collect Calls will be accepted).**

- Ingestion: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting. Immediately give 2 glasses of water. Do not give anything by mouth to an unconscious person.
- Eye Contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- Skin Contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Wash contaminated clothing before reuse.
- Inhalation: Move person to fresh air. If person is not breathing, call **911** or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. If breathing is difficult, give oxygen. Call a poison control center or doctor for further treatment advice.

Notes to Physician

Not Available.

Medical Condition Likely to be Aggravated by Exposure

None known.

#### **5. FIRE FIGHTING MEASURES**

Fire and Explosion

- |                              |                                                        |                         |
|------------------------------|--------------------------------------------------------|-------------------------|
| Flash Point (Test Method):   | Not Applicable                                         |                         |
| Flammable Limits (% in Air): | Lower: % Not Applicable                                | Upper: % Not Applicable |
| Autoignition Temperature:    | Not Available                                          |                         |
| Flammability:                | Not Flammable                                          |                         |
| Extinguishing Media:         | Use water spray, foam, dry chemical or carbon dioxide. |                         |

Hazardous Decomposition Products:

Carbon monoxide, Carbon dioxide, and/or low molecular weight hydrocarbons.

Unusual Fire, Explosion, and Reactivity Hazards

None known.

In Case of Fire

Potentially hazardous in fire. Wear self-contained breathing apparatus. If water is used as an extinguishing media, diking is required to keep contaminated water out of all water supplies.

#### **6. ACCIDENTAL RELEASE MEASURES**

In Case of Spill or Leak

Isolate and contain spill. Limit access to the spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters. Scoop up spilled material and place in a closed, labeled container for disposal.

#### **7. HANDLING AND STORAGE**

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating, drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING, AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

Ingestion: Wear appropriate clothing to prevent skin exposure. Prevent eating, drinking, tobacco usage and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Eye Contact: Where eye contact is likely, wear tight-fitting chemical goggles.

Inhalation: Respiratory protection is not required for normal handling. In the event of an unusual exposure, use engineering controls or a NIOSH-approved particulate respirator (N, P, R, or HE filter) to keep exposure to a minimum.

Skin Contact: Where contact is likely, wear rubber or other impervious gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Green liquid
Odor:	Herbal
Melting Point:	Not Available
Boiling Point:	Not Available
Specific Gravity/Density:	1.02 g/ml <sup>3</sup> (water=1)
pH:	12.4
Solubility in H <sub>2</sub> O:	Complete
Vapor Pressure (mmg Hg):	Not Established
Vapor Density:	Not Available

Note: The physical data presented here are typical values based on material tested, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

## 10. STABILITY AND REACTIVITY

Stability:	Stable under normal use and storage conditions.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	Excessive heat.
Materials to Avoid:	Incompatible with strong oxidizing agents. Avoid contact with reducing agents.
Hazardous Decomposition Products:	Carbon monoxide, Carbon dioxide, and/or low molecular weight hydrocarbons.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity/Irritation Studies

Ingestion:	<u>Acute Toxicity</u> Not Available
Dermal:	<u>Acute Dermal Effects</u> Not Available
Inhalation:	<u>Acute Inhalation Effects</u> Not Available

Other:

Eye Contact:	May cause minor, transient eye irritation (redness).
Skin Contact:	May cause irritation to the skin and mucous membranes.

### Carcinogenicity

None of the components present in this material are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

**12. ECOLOGICAL INFORMATION**

Not Available.

**13. DISPOSAL CONSIDERATIONS**

Do not contaminate water, food or feed by storage or disposal.

Container Disposal

*Plastic Containers:* Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

*For containers 1 gallon or less:* Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**14. TRANSPORT INFORMATION**

DOT Classification (for container sizes 20 – 200 liter)

Proper Shipping Name: Deodorant or Disinfectant, NOI (NMFC 57100, SUB 3; CLASS: 60)  
Hazard Class: Not Applicable  
UN Number: Not Applicable  
Packing Group: Not Applicable  
Label: Not Applicable  
Special Instructions: Not Applicable

DOT Classification (for container sizes 4x1 gallon)

Proper Shipping Name: Deodorant or Disinfectant, NOI (NMFC 57100, SUB 3; CLASS: 60)  
Hazard Class: Not Applicable  
UN Number: Not Applicable  
Packing Group: Not Applicable  
Label: Not Applicable  
Special Instructions: Not Applicable

IMDG Classification (for container sizes 20 – 200 liter)

Proper Shipping Name: Deodorant or Disinfectant, NOI (NMFC 57100, SUB 3; CLASS: 60)  
Hazard Class: Not Applicable  
UN Number: Not Applicable  
Packing Group: Not Applicable  
Label: Not Applicable  
Special Instructions: Not Applicable

IMDG Classification (for container sizes 4x1 gallon)

Proper Shipping Name: Deodorant or Disinfectant, NOI (NMFC 57100, SUB 3; CLASS: 60)  
Hazard Class: Not Applicable  
UN Number: Not Applicable  
Packing Group: Not Applicable  
Label: Not Applicable  
Special Instructions: Not Applicable

IATA Classification (for container sizes 20 – 200 liter & 4x1 gallon)

Proper Shipping Name: Deodorant or Disinfectant, NOI (NMFC 57100, SUB 3; CLASS: 60)  
Hazard Class: Not Applicable  
UN Number: Not Applicable  
Packing Group: Not Applicable  
Label: Not Applicable  
Special Instructions: Not Applicable

Canadian Classification (for container sizes 20 – 200 liter)

Proper Shipping Name: Deodorant or Disinfectant, NOI (NMFC 57100, SUB 3; CLASS: 60)  
Hazard Class: Not Applicable  
UN Number: Not Applicable  
Packing Group: Not Applicable  
Label: Not Applicable  
Special Instructions: Not Applicable

Canadian Classification (for container sizes 4x1 gallon)

Proper Shipping Name: Deodorant or Disinfectant, NOI (NMFC 57100, SUB 3; CLASS: 60)  
Hazard Class: Not Applicable  
UN Number: Not Applicable  
Packing Group: Not Applicable  
Label: Not Applicable  
Special Instructions: Not Applicable

**15. REGULATORY INFORMATION**

EPA SARA Title III Hazard Classification

Immediate	<u>N</u>	Fire	<u>N</u>	Sudden Release of Pressure	<u>N</u>
Delayed	<u>N</u>	Reactive	<u>N</u>		

Section 313 Toxic Chemicals

Not Listed

California Proposition 65

Not Listed

CERCLA/SARA 302 Reportable Quantity (RQ)

Not Listed

RCRA Hazardous Waste Classification (40 CFR 261)

Not Listed

**16. OTHER INFORMATION**

NFPA Hazard Ratings

Health: 2  
Flammability: 1  
Instability: 0

HMIS Hazard Ratings

Health: 2  
Flammability: 1  
Reactivity: 0

0 - Minimal  
1 - Slight  
2 - Moderate  
3 - Serious  
4 - Extreme

For Non-Emergency Questions About This Product Call:

1-800-621-8829

Neogen Corporation

Lexington, KY

[www.Hacco.com](http://www.Hacco.com)

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Replaces: Not Applicable

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