

# SAFETY DATA SHEET

Product Name: BioSentry® BioPhene™ 20 Disinfectant  
Issue Date: June 1<sup>st</sup>, 2015  
Replaces: New Issue  
SDS Number: HAC0009

## 1. PRODUCT IDENTIFICATION

Product Name: **BioSentry® BioPhene™ 20 Disinfectant**  
Product Number(s): D12709568, D12695607  
Use: Disinfectant  
Manufacturer: HACCO, Inc.  
110 Hopkins Drive  
Randolph, WI 53956  
Manufacturer Phone: 1-920-326-5141  
Distributor: Neogen Corporation – Animal Safety  
944 Nandino Boulevard  
Lexington, KY 40511  
Distributor Phone: 1-800-477-8201  
Emergency Phone: Medical: **1-800-498-5743 (United States and Canada)**  
Spill: **1-800-424-9300 (United States)**

## 2. HAZARDS IDENTIFICATION

Classifications: Specific Target Organ Toxicity: Category 1B (Skin)  
Carcinogenicity: Not Applicable  
Specific Target Organ Toxicity: Category 1 (Eye)  
Dermal: Category 4 (Acute Toxicity)  
Oral: Category 4 (Acute Toxicity)  
Flammable Liquids Category 3  
Signal Word (EPA): DANGER  
Signal Word (OSHA): WARNING  
Hazard Statements: Flammable liquid and vapor.  
Harmful if swallowed or in contact with skin.  
Causes severe skin burns and eye damage.  
Causes serious eye damage.



Hazard Symbols:

# SAFETY DATA SHEET

Product Name: BioSentry® BioPhene™ 20 Disinfectant  
Issue Date: June 1<sup>st</sup>, 2015  
Replaces: New Issue  
SDS Number: HAC0009

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces.  
NO SMOKING  
Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wash hands and face thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves, protective clothing, eye protection.  
If on skin: Wash with plenty of soap and water.  
If inhaled: Remove person to fresh air and keep comfortable for breathing.  
If exposed or concerned: Get medical advice/attention.  
Call a poison control center, doctor or 1-800-498-5743 (Prosar) if you feel unwell.  
Take off immediately all contaminated clothing and wash it before reuse.  
Store locked up.  
Dispose of contents and container in accordance with local regulations.

Other Hazard Statements: This product presents no significant hazards under normal conditions of use.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Common Name</u>	<u>CAS Number</u>	<u>Concentration</u>
o-phenyl phenol	o-phenyl phenol	90-43-7	7.96%
o-Benzyl-P-Chlorophenol	o-Benzyl-P-Chlorophenol	120-32-1	10.00%
P-Tert-Amylphenol	P-Tert-Amylphenol	80-46-6	1.98%
Isopropyl Alcohol, 99%	Isopropyl Alcohol, 99%	67-63-0	13.30%
Sodium Hydroxide, 50%	Sodium Hydroxide, 50%	1310-73-2	4.50%

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

## 4. FIRST AID MEASURES

Have the product container, label, or Material Safety Data Sheet with you when calling 800-498-5743, a poison control center or doctor, or going for treatment.

Ingestion: If swallowed: Call 1-800-498-5743, a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so after calling 1-800-498-5743 or by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Eye Contact: If in eyes: 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 1-800-498-5743, a poison control center or doctor for treatment advice.

Skin Contact: If on skin or clothing: Take off contaminated clothing. Wash skin with soap and water.

Inhalation: Not applicable.

### Most Important Symptoms/Effects:

This product may be severely irritating to the eyes with tearing, pain or blurred vision. Prolonged or repeated contact is corrosive to the eyes, with corneal damage possible. Causes irritation and/or defatting of the skin with itching, redness or rash.

### Indication of immediate medical attention and special treatment needed:

Not Available.

Further information is available from the Prosar Emergency Number (1-800-498-5743) provided in this documents.

# SAFETY DATA SHEET

Product Name: BioSentry® BioPhene™ 20 Disinfectant  
Issue Date: June 1<sup>st</sup>, 2015  
Replaces: New Issue  
SDS Number: HAC0009

---

## 5. FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use dry chemical, foam or CO<sub>2</sub> extinguishing media. If water is to be used to fight fire, dike and collect run-off.

Specific Hazards:

During a fire, irritating and possible toxic gases may be generated by thermal decomposition of combustion.

Special protective equipment and precautions for firefighters:

Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or product of combustion.

## 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Follow exposure controls/personal protection outlined in Section 8.

Methods and materials for containment and cleaning up:

Control the spill at its source. Clean up spills immediately, observing precautions outlined in Section 8. Sweep up material and place in a compatible disposal container. Once all material is collected, seal container and arrange for disposition.

## 7. HANDLING AND STORAGE

Precautions for safe handling:

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.

Conditions for safe storage, including any incompatibilities:

Store locked up.

# SAFETY DATA SHEET

Product Name: BioSentry® BioPhene™ 20 Disinfectant  
Issue Date: June 1<sup>st</sup>, 2015  
Replaces: New Issue  
SDS Number: HAC0009

## 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.

### Occupational Exposure Limit

Chemical Name	OSHA PEL	ACGIH TLV	OTHER	SOURCE
o-phenyl phenol	Not Established	Not Established	Not Established	Not Applicable
o-Benzyl-P-Chlorophenol	1000 ppm TWA	1000 ppm TWA	Not Established	Not Applicable
P-Tert-Amylphenol	Not Established	Not Established	Not Established	Not Applicable
Isopropyl Alcohol, 99%	400 ppm (8-hr TWA)	200 ppm (TWA) 400 ppm (STEL)	Not Established	Not Applicable
Sodium Hydroxide, 50%	2 g/m <sup>3</sup> (8-hr TWA)	Ceiling 2 g/m <sup>3</sup>	Not Established	Not Applicable

Ingestion: 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: Eye protection is not required for normal handling. Where eye contact is likely, wear tight-fitting chemical goggles.

Skin Contact: Gloves are not required for normal handling. Where heavy contact is likely, wear chemical resistant (such as nitrile or butyl) gloves.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark amber, viscous liquid
Odor:	Alcohol
pH:	12-13
Melting Point:	Not Available
Freezing Point:	Not Available
Boiling Point and Boiling Range:	100°F
Flash Point (Test Method):	Not Available
Flammable Limits (% in air):	Not Available
Flammability:	Not Available
Vapor Pressure:	Not Available
Vapor Density:	1.06 g/ml (water=1)
Relative Density:	Not Available
Solubility (ies):	Soluble
Partition Coefficient:	Not Available
Viscosity:	Not Available
Other:	Not Available

## 10. STABILITY AND REACTIVITY

Reactivity:	Not reactive
Chemical Stability:	Stable under normal use and storage conditions
Possible Hazardous Reactions:	Will not occur
Conditions to Avoid:	Keep away from sparks, heat and flame.
Incompatible Materials:	Incompatible with strong oxidants and cationic detergents.
Hazardous Decomposition Products:	None known

# SAFETY DATA SHEET

Product Name: BioSentry® BioPhene™ 20 Disinfectant  
Issue Date: June 1<sup>st</sup>, 2015  
Replaces: New Issue  
SDS Number: HAC0009

## 11. TOXICOLOGICAL INFORMATION

### Health Effects Information

Likely routes of exposure: Dermal, inhalation, eyes, ingestion  
Symptoms of exposure: Not Available  
Delayed, immediate and chronic effects of exposure: Not Available

### Numerical Measures of Toxicity (Acute Toxicity/Irritation Studies – Finished Product)

Ingestion: Oral LD<sub>50</sub> (Rat): Not Available  
Dermal: Dermal LD<sub>50</sub> (Rabbit): Not Available  
Inhalation: Inhalation LC<sub>50</sub> (Rat): <1 mg/kg body weight  
Eye Contact: This product may be severely irritating to the eyes with tearing, pain or blurred vision. Prolonged or repeated contact is corrosive to the eyes, with corneal damage possible.  
Skin Contact: Causes irritation and/or defatting of the skin with itching, redness or rash.  
Skin Sensitization: Not Available

### Reproductive/Developmental Effects

Not Available

### Chronic/Subchronic Toxicity Studies

Not Available.

### Carcinogenicity

o-Benzyl-p-Chlorophenol IARC Category 2B

### Other Toxicity Information

Systemically toxic concentrations of this product will probably not be absorbed through human skin.

### Toxicity of Other Components

Not Applicable

### Target Organs

#### Active Ingredients

Not Applicable

#### Inactive Ingredients

Not Applicable

## 12. ECOLOGICAL INFORMATION

Do not discharge effluent containing this product directly to water. Do not contaminate water when disposing of equipment wash water.

## 13. DISPOSAL CONSIDERATIONS

Disposal: Do not reuse empty container except for holding additional product.  
Characteristic Waste: Not Applicable  
Listed Waste: Not Applicable

# SAFETY DATA SHEET

Product Name: BioSentry® BioPhene™ 20 Disinfectant  
Issue Date: June 1<sup>st</sup>, 2015  
Replaces: New Issue  
SDS Number: HAC0009

---

## 14. TRANSPORT INFORMATION

### DOT Classification

Proper Shipping Name: Flammable Liquid, N.O.S.  
Hazard Class: 3  
UN Number: 1993  
Packing Group: III  
Label: Not Applicable  
Special Instructions: For packing sizes 1 gallon or less: Consumer Quantity, OMR-D

### IMDG Classification

Proper Shipping Name: Flammable Liquid, N.O.S.  
Hazard Class: 3  
UN Number: 1993  
Packing Group: III  
Label: Not Applicable  
Special Instructions: Not Applicable

### IATA Classification

Proper Shipping Name: Flammable Liquid, N.O.S.  
Hazard Class: 3  
UN Number: 1993  
Packing Group: III  
Label: Not Applicable  
Special Instructions: Not Applicable

### Canadian Classification

Proper Shipping Name: Flammable Liquid, N.O.S.  
Hazard Class: 3  
UN Number: 1993  
Packing Group: III  
Label: Not Applicable  
Special Instructions: Not Applicable

# SAFETY DATA SHEET

Product Name: BioSentry® BioPhene™ 20 Disinfectant  
Issue Date: June 1<sup>st</sup>, 2015  
Replaces: New Issue  
SDS Number: HAC0009

## 15. REGULATORY INFORMATION

### Pesticide Registration

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

**Caution:** Harmful if swallowed or absorbed through skin. Keep away from children, domestic animals and pets. Do not get in eyes, on skin or on clothing. All handlers (including applicators) must wear shoes plus socks, and gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

EPA Registration Number : 61282-53

### EPA SARA Title III Classification

Section 311/312 Hazard Classes: Acute Health Hazard

Section 313 Toxic Chemicals: Not Applicable

California Proposition 65 : This material contains the following component which has been found by the State of California to cause cancer.  
o-Benzyl-p-Chlorophenol

CERLA/SARA 302 Reportable Quantity (RQ) : None

RCRA Hazardous Waste Classification (40 CFR 261): Not Applicable

TSCA Status: Exempt from TSCA, subject to FIFRA

## 16. OTHER INFORMATION

### NFPA Hazard Ratings

Health: 2  
Flammability: 2  
Instability: 0

### HMIS Hazard Ratings

Health:	2	0 - Minimal
Flammability:	2	1 - Slight
Reactivity:	0	2 - Moderate
Other:	H	3 - Serious
		4 - Extreme
		* - Chronic

For Non-Emergency Questions About This Product Call:

1-800-621-8829

Neogen Corporation  
Lexington, KY

BioSentry® is a Registered Trademark of BioSentry, Inc.; Used Under Exclusive License by Neogen Corporation.

BioPhene™ is a Trademark of Neogen Corporation.

ALTHOUGH THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN (HEREINAFTER "INFORMATION") ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE CORRECT, HACCO, INC., THE MANUFACTURER OR THE SELLER MAKES NO REPRESENTATIONS AS TO THE COMPLETENESS OR ACCURACY THEREOF. INFORMATION IS SUPPLIED UPON THE CONDITION THAT THE PERSONS RECEIVING IT WILL MAKE THEIR OWN DETERMINATION AS TO ITS SUITABILITY FOR THEIR PURPOSES PRIOR TO USE.

THE PRODUCT COVERED BY THIS INFORMATION SHEET IS FURNISHED "AS IS" BY HACCO, INC., THE MANUFACTURER OR THE SELLER, AND IS SUBJECT ONLY TO THE WARRANTIES, IF ANY, THAT APPEAR ON THE PRODUCT'S LABEL OR ARE OTHERWISE EXPRESSLY PROVIDED HEREIN.

EXCEPT AS EXPRESSLY PROVIDED ON THE PRODUCT'S LABEL OR OTHERWISE PROVIDED HEREIN, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, ARE MADE BY HACCO, INC., THE MANUFACTURER OR THE SELLER WITH REGARD TO THE PRODUCT OR USE OF THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

EXCEPT AS EXPRESSLY STATED HEREIN, HACCO, INC., THE MANUFACTURER OR THE SELLER MAKES NO WARRANTY OF RESULTS TO BE OBTAINED BY USE OF THE PRODUCT COVERED BY THIS INFORMATION. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND THE TOTAL LIABILITY OF HACCO, INC., THE MANUFACTURER OR THE SELLER, SHALL BE LIMITED TO DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT. NO AGENT OR EMPLOYEE OF HACCO, INC., THE MANUFACTURER OR THE SELLER IS AUTHORIZED TO AMEND THE TERMS OF THIS WARRANTY DISCLAIMER OR THE PRODUCT'S LABEL OR TO MAKE A REPRESENTATION OR RECOMMENDATION DIFFERENT FROM OR INCONSISTENT WITH THE LABEL OF THIS PRODUCT.

IN NO EVENT SHALL HACCO, INC., THE MANUFACTURER OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES AND THE BUYER AND USER WAIVE ANY RIGHT THEY MAY HAVE TO SUCH DAMAGES.