

Issue Date 11-Mar-2015

Revision Date 16-Jan-2019

BioSentry® BioPhene™ II

1. IDENTIFICATION**Product identifier**Product Name: **Phenex-Cel**Other Names: **BioPhene II****Other means of identification**

Product Code 2116

Document 2116

Registration Number(s) EPA Registration Number 34810-16

Recommended use of the chemical and restrictions on use**Recommended Use** Hard surface disinfectant cleaner. This product is intended to be diluted prior to use.**Uses advised against** Do not mix with other chemicals.**Details of the supplier of the safety data sheet****Supplier Name/Address**325 Leffingwell Avenue
Kirkwood, MO 63122**Manufacturer Name/Address**325 Leffingwell Avenue
Kirkwood, MO 63122**Emergency telephone number****Company Phone Number** 314-966-4134
US Toll-free: 800-506-1146**24 Hour Emergency Phone Number** Chemtrec 800-429-9300**Emergency Telephone** Chemtrec 24-Hour U.S. Number: (800) 424-9300**2. HAZARDS IDENTIFICATION****PRINCIPAL ROUTES OF EXPOSURE:** Eye contact. Skin contact, Inhalation. Ingestion.**EFFECTS FROM ACUTE EXPOSURE:**

Acute Oral Toxicity	Not classified: LD50 > 5.0 g/kg
Acute dermal toxicity	Not classified: LD50 > 2.0 g/kg
Skin Corrosion/irritation	Category 3
Serious Eye Damage/Eye Irritation	Category 1
Inhalation	Category 3 > 3.28 mg/l

Label Elements**Signal Word:** Danger**Precautionary Statements:**

HAZARDS TO HUMANS AND DOMESTIC ANIMALS. DANGER. Corrosive. Causes irreversible eye damage. Causes Mild skin irritation. Harmful if absorbed through the skin. Avoid breathing spray mist. Do not contact eyes, skin, or clothing. Wear goggles or face shield and

Issue Date 11-Mar-2015

Revision Date 16-Jan-2019

BioSentry® BioPhene™ II

rubber gloves when handling. Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
ortho-Phenylphenol, sodium salt	132-27-4	8.45
o-Benzyl-p-Chlorophenol, sodium salt	3184-65-4	7.15
Sodium hydroxide	1310-73-2	1 - 5

4. FIRST AID MEASURES**Eye contact**

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Get medical attention immediately.

Skin contact

In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes. Get medical attention. Remove contaminated clothing and laundry before reuse.

Inhalation

Move person to fresh air. If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

Ingestion

Call medical attendant, doctor, or poison control center immediately. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Self-protection of the first aider

Avoid contact with skin, eyes or clothing.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point: None to boiling

Method: Pensky-Martens Closed Cup

Flammable Limits in Air

-LOWER (%): NA

-UPPER (%): NA

Sensitivity to Mechanical Impact: No.

Sensitivity to Static Discharge: Sensitivity to static discharge is not expected.

Suitable Extinguishing Media: Not considered a fire hazard.

Fire Fighting Procedure: Use standard firefighting techniques: Water spray, dry chemicals, or foam.

6. ACCIDENTAL RELEASE MEASURES**Methods and material for containment and cleaning up**

Small Spills: Mop up all possible. Flush residue with water.

Large Spills: Use appropriate containment to avoid environmental contamination. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.



SAFETY DATA SHEET

Issue Date 11-Mar-2015

Revision Date 16-Jan-2019

BioSentry® BioPhene™ II

Personal precautions
Environmental precautions

Avoid contact with eyes and skin. Use personal protective equipment as required.
NA

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers.

All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY

Conditions for safe storage, including any incompatibilities

Storage Conditions

Do not contaminate water, food, or feed by storage or disposal. Keep upright with cap tightly closed. Store in original container in areas inaccessible to children.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Controls: None known
Respiratory Protection: None known
Protective Gloves: Use chemical resistant, impervious gloves
Eye Protection: Safety glasses
Other Personal Protection Equipment: Appropriate protective clothing as needed to prevent skin contact.
Ventilation: None known
General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid	Color: Light brown to purple
Appearance: Clear	Odor: Mild Amine & Surfactant
Solubility: 100%	Specific Gravity (H ₂ O = 1): 1.140-1.168
pH: 11.2-13.2	Flash Point: None to boiling
Dilution pH: 10.0-12.0	Boiling Point: over 212 F°

10. STABILITY AND REACTIVITY

Stability: The product is stable
Polymerization: Hazardous polymerization does not occur.
Ingredient(s) CAS # NTP IARC OSHA
Hazardous decomposition products: None known.
Materials to avoid: Oxidizing agents.

11. TOXICOLOGICAL INFORMATION

Reproductive toxicity: None known
Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: No data available

13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food, or feed by storage or disposal.
Waste from residues / unused products:



SAFETY DATA SHEET

Issue Date 11-Mar-2015

Revision Date 16-Jan-2019

BioSentry® BioPhene™ II

PESTICIDAL WASTE - Observe all applicable Federal/Provincial/State regulations and Local/Municipal ordinances regarding disposal of pesticide wastes. This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

Pesticide Storage:

Store in original container in areas inaccessible to children. Open dumping is prohibited. Do not reuse empty container

Pesticide Disposal:

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.



SAFETY DATA SHEET

Issue Date 11-Mar-2015	Revision Date 16-Jan-2019	BioSentry® BioPhene™ II
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14. TRANSPORT INFORMATION

DOT (Department of Transportation) Proper Shipping Name: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. 8, PG III (phenolic compounds, sodium hydroxide)

IATA (International Air Transportation Association) Proper Shipping Name: UN1903, DISINFECTANTS, LIQUID, CORROSIVE, N.O.S. 8, PG III (phenolic compounds, sodium hydroxide)

15. REGULATORY INFORMATION

All components of this product are listed on the following inventories: U.S.A. (TSCA)

U.S. Regulations:

EPA Registration Number 34810-16

California Proposition 65: This product contains materials listed under California's Proposition 65.

Ingredient(s)

Ortho-phenylphenol - 90-43-7

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
O-phenylphenol 90-43-7	X	X	X
Sodium hydroxide 1310-73-2	X	X	X

16. OTHER INFORMATION

NFPA	Health hazards: 3	Flammability: 0	Instability: 0
HMIS	Health hazards: 3	Flammability: 0	Physical hazards: 0

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Revision Note:	Updated Section 2

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