

# SAFETY DATA SHEET

Issue Date 28-Mar-2018

Revision Date 11/20/2018



| HMIS                |   |
|---------------------|---|
| Health              | 2 |
| Fire Hazard         | 0 |
| Reactivity          | 0 |
| Personal Protection | B |

## 1. IDENTIFICATION

### Product identifier

**Product Name** LopHene II ST

### Other means of identification

**Product Code** #8813

**Registration Number(s)** EPA Registration Number 34810-31-56753

### 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 Address**

460 Glennie Circle  
King of Prussia, Pa 19406

**Company Phone Number** 610-755-0800, email contact: cveloski@deconlabs.com

#### **24 Hour Emergency Phone Number**

**Emergency Telephone** Chemtrec 24-Hour U.S. Number: (800) 424-9300  
Canada: (703) 527-3887

## 2. HAZARDS IDENTIFICATION

|   |  |
|---|--|
| Acute toxicity - Oral                     | Not orally toxic Oral LD50 (rat) > 5 g/kg body weight        |
| Acute toxicity - Dermal                   | Not dermally toxic Dermal LD50 (rabbit) > 5 g/kg body weight |
| Acute toxicity - Inhalation (Dusts/Mists) | Not classified   |
| Skin corrosion/irritation                 | Category 2   |
| Serious eye damage/eye irritation         | Category 2A  |
| Skin sensitization                        | Not classified   |

### Label Elements



#### **Emergency Overview**

**WARNING** Causes serious eye irritation.  
Causes skin irritation.

**Appearance:** Clear to light yellow liquid

**Physical state:** Liquid

**Odor:** Light citrus

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

| Chemical Name   | CAS No.  | Weight-% |
|-----------------|----------|----------|
| Hexylene glycol | 107-41-5 | 10-30    |

|                                |          |       |
|--------------------------------|----------|-------|
| Ortho-benzyl-para-chlorophenol | 120-32-1 | 1 - 5 |
| O-phenylphenol                 | 90-43-7  | 1 - 5 |
| Isopropyl alcohol              | 67-63-0  | 1 - 5 |

#### 4. FIRST AID MEASURES

##### Description of first aid measures

|   |  |
|---|--|
| <b>Eye contact</b>                        | 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.   |
| <b>Skin contact</b>                       | Wash skin with soap and water.   |
| <b>Inhalation</b>                         | Remove to fresh air.   |
| <b>Ingestion</b>                          | IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a Poison Control Center or doctor. |
| <b>Self-protection of the first aider</b> | 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

##### Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

##### Explosion data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with eyes and skin. Use personal protective equipment as required.

##### Environmental precautions

**Environmental precautions** See Section 12 for additional ecological information.

##### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

|                               |  |
|-------------------------------|--|
| <b>Storage Conditions</b>     | 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. |
| <b>Incompatible materials</b> | Strong oxidizing agents.   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| <b>Chemical Name</b>         | <b>ACGIH TLV</b>              | <b>OSHA PEL</b>   | <b>NIOSH IDLH</b>   |
|------------------------------|-------------------------------|---|---|
| Hexylene glycol<br>107-41-5  | Ceiling: 25 ppm               | (vacated) Ceiling: 25 ppm<br>(vacated) Ceiling: 125 mg/m <sup>3</sup>   | Ceiling: 25 ppm<br>Ceiling: 125 mg/m <sup>3</sup>   |
| Isopropyl alcohol<br>67-63-0 | STEL: 400 ppm<br>TWA: 200 ppm | TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>(vacated) TWA: 400 ppm<br>(vacated) TWA: 980 mg/m <sup>3</sup><br>(vacated) STEL: 500 ppm<br>(vacated) STEL: 1225 mg/m <sup>3</sup> | IDLH: 2000 ppm<br>TWA: 400 ppm<br>TWA: 980 mg/m <sup>3</sup><br>STEL: 500 ppm<br>STEL: 1225 mg/m <sup>3</sup> |

### Appropriate engineering controls

**Engineering Controls** None under normal use conditions.

### Individual protection measures, such as personal protective equipment

|                                       |  |
|---------------------------------------|--|
| <b>Eye/face protection</b>            | Safety glasses or goggles when handling the concentrate.               |
| <b>Skin and body protection</b>       | Protective gloves when handling the concentrate.                       |
| <b>Respiratory protection</b>         | No protective equipment is needed under normal use conditions.         |
| <b>General Hygiene Considerations</b> | Handle in accordance with good industrial hygiene and safety practice. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                      |                              |                                     |                          |
|--------------------------------------|------------------------------|-------------------------------------|--------------------------|
| <b>pH</b>                            | 2.05 – 2.4                   | <b>Odor</b>                         | Light citrus             |
| <b>Physical State</b>                | Liquid                       | <b>Odor threshold</b>               | No information available |
| <b>Appearance</b>                    | Clear to light yellow liquid | <b>Specific Gravity</b>             | 1.052                    |
| <b>Color</b>                         | Clear to light yellow        | <b>Water solubility</b>             | Completely soluble       |
| <b>Melting point/freezing point</b>  | No information available     | <b>Solubility in other solvents</b> | No information available |
| <b>Boiling point / boiling range</b> | No information available     | <b>Viscosity</b>                    | No information available |
| <b>Flash point</b>                   | None to boiling              | <b>Partition coefficient</b>        | No information available |
| <b>Evaporation rate</b>              | No information available     | <b>Autoignition temperature</b>     | No information available |
| <b>Vapor pressure</b>                | No information available     | <b>Decomposition temperature</b>    | No information available |
| <b>Vapor density</b>                 | No information available     |                                     |                          |

### Other Information

**VOC Content (%)** No information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Conditions to avoid**

Extremes of temperature

**Incompatible materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | No known effect.                             |
| <b>Eye contact</b>  | Moderately irritating to the eyes.           |
| <b>Skin contact</b> | Irritating to skin. Avoid contact with skin. |
| <b>Ingestion</b>    | Harmful if swallowed.                        |

| Chemical Name                | Oral LD50            | Dermal LD50              | Inhalation LC50          |
|------------------------------|----------------------|--------------------------|--------------------------|
| O-phenylphenol<br>90-43-7    | = 1049 mg/kg ( Rat ) | > 2000 mg/kg ( Rat )     | > 0.949 mg/L ( Rat ) 1 h |
| Isopropyl alcohol<br>67-63-0 | = 4396 mg/kg ( Rat ) | = 12800 mg/kg ( Rabbit ) | = 16000 ppm ( Rat ) 8 h  |

### Information on toxicological effects

**Symptoms** No information available

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|  |  |
|--|--|
| <b>Skin corrosion/irritation</b>         | No information available.  |
| <b>Serious eye damage/eye irritation</b> | Irritating to eyes.  |
| <b>Irritation</b>                        | Irritating to eyes and skin.   |
| <b>Sensitization</b>                     | Not a skin sensitizer.   |
| <b>Germ cell mutagenicity</b>            | No information available.  |
| <b>Carcinogenicity</b>                   | The table below indicates whether each agency has listed any ingredient as a carcinogen. |

| Chemical Name                | ACGIH | IARC               | NTP | OSHA |
|------------------------------|-------|--------------------|-----|------|
| O-phenylphenol<br>90-43-7    | -     | Group 3            | -   | -    |
| Isopropyl alcohol<br>67-63-0 | -     | Group 1<br>Group 3 | -   | X    |

|                                 |                           |
|---------------------------------|---------------------------|
| <b>Reproductive toxicity</b>    | No information available. |
| <b>STOT - single exposure</b>   | No information available. |
| <b>STOT - repeated exposure</b> | No information available. |
| <b>Aspiration hazard</b>        | No information available. |

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

No information available.

### Persistence and degradability

No information available.

### Bioaccumulation

No information available.

| Chemical Name                | Partition coefficient |
|------------------------------|-----------------------|
| O-phenylphenol<br>90-43-7    | 3.18                  |
| Isopropyl alcohol<br>67-63-0 | 0.05                  |

**Other adverse effects** No information available

### 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Disposal of wastes** Disposal should be in accordance with applicable regional, national, and local laws and regulations

**Contaminated packaging** Do not reuse container.

| Chemical Name             | RCRA | RCRA - Basis for Listing          | RCRA - D Series Wastes | RCRA - U Series Wastes |
|---------------------------|------|-----------------------------------|------------------------|------------------------|
| O-phenylphenol<br>90-43-7 | -    | Included in waste stream:<br>K060 | -                      | -                      |

| Chemical Name                | California Hazardous Waste Status |
|------------------------------|-----------------------------------|
| Isopropyl alcohol<br>67-63-0 | Toxic<br>Ignitable                |

### 14. TRANSPORT INFORMATION

**DOT** Not regulated  
**TDG** Not regulated  
**MEX** Not regulated  
**ICAO (air)** Not regulated  
**IATA** Not regulated  
**IMDG** Not regulated  
**RID** Not regulated  
**ADR** Not regulated  
**ADN** Not regulated

### 15. REGULATORY INFORMATION

**International Inventories**

**TSCA** Complies  
**DSL/NDSL** Complies  
**IECSC** Complies  
**PICCS** Complies  
**AICS** Complies

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**IECSC** - China Inventory of Existing Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** No

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Chronic Health Hazard No  
Fire Hazard No  
Sudden release of pressure hazard No  
Reactive Hazard No

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**US State Regulations**

**US. California Proposition 65**



**WARNING:** This product can expose you to chemicals including, Ortho-phenylphenol, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**U.S. State Right-to-Know Regulations**

**U.S. EPA Label Information**

EPA Pesticide Registration Number: 34810-31

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|                    |                  |                |                    |                       |
|--------------------|------------------|----------------|--------------------|-----------------------|
| <b><u>NFPA</u></b> | Health hazards 2 | Flammability 0 | Instability 0      |                       |
| <b><u>HMIS</u></b> | Health hazards 2 | Flammability 0 | Physical hazards 0 | Personal protection B |

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**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**