1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier**

**Product Name** ProSpray™ wipes

**Other Means of Identification**

**SDS #** PSW/SDS/I02

**Product Code** PSW

**Recommended Use of the Chemical and Restrictions on Use**

**Recommended Use** Disinfectant Towelettes.

**Details of the Supplier of the Safety Data Sheet**

**Supplier Address** Certol International, LLC.

6120 East 58th Avenue

Commerce City, Colorado 80022

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

**Emergency Telephone Number**

**Company Phone Number(s)**

Phone: 303-799-9401

Toll-Free: 1-800-843-3343

Fax: 303-799-9408

**24 Hour Emergency Telephone**

INFOTRAC: 1-800-535-5053 (North America)

INFOTRAC: 1-352-323-3500 (International)
2. HAZARDS IDENTIFICATION

**Classification**

<table>
<thead>
<tr>
<th>Specific Target Organ Toxicity (Single Exposure)</th>
<th>Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serious Eye Damage / Eye Irritation</td>
<td>Category 2B</td>
</tr>
</tbody>
</table>

**Signal Word**

GHS: Warning.
EPA: Caution.

**Hazard Statements**

Causes eye irritation.
May cause respiratory irritation.
May cause drowsiness or dizziness.

**Appearance**

Natural Colored Pre-moistened Towelettes.

**Physical State**

Pre-moistened Towelettes.

**Odor**

Lemon.

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**Precautionary Statements - Prevention**

Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.
Do not breathe dust/fumes/gas/mist/vapors/spray.

**Precautionary Statements - Response**

**IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Immediately call a Poison Control Center or doctor/physician.

**IF SWALLOWED:** Rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Call a physician or Poison Control Center immediately.

**IF IN EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists seek medical attention.

**IF ON SKIN (or hair):** Wash skin with flowing water or shower after use.

**Precautionary Statements - Storage**

Keep container tightly closed and store in a dry, cool and well-ventilated place away from incompatible materials.

**Keep out of the reach of children and pets.**

**Precautionary Statements - Disposal**

Dispose according to all local, state and federal regulations.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>o-phenylphenol</td>
<td>90-43-7</td>
<td>0.65</td>
</tr>
<tr>
<td>o-benzyl-p-chlorophenol</td>
<td>120-32-1</td>
<td>0.07</td>
</tr>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>1 - 6</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

**First Aid Measures**

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. Call a physician or Poison Control Center immediately.

**Eye Contact**
Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists seek medical attention.

**Ingestion**
Rinse mouth and drink plenty of water. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Call a physician or Poison Control Center immediately.

**Skin Contact**
Wash skin with flowing water or shower after use.

**Most Important Symptoms and Effects, both Acute and Delayed**

**Symptoms**
May cause eye irritation.
Inhalation may cause respiratory tract irritation.
Ingestion may cause mild irritation of the mouth, esophagus and stomach.

**Indication of any Immediate Medical Attention and Special Treatment Needed**

**Note to Physicians**
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**
Use water, CO₂, dry chemical or foam for extinction.

**Unsuitable Extinguishing Media**
Not Determined.

**Specific Hazards Arising from the Chemical**
None Known.

**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
Use personal protective equipment as recommended in section 8.
The wet, contaminated surface may be slippery.

For Emergency Responders
Restrict access to spill area. Ventilate the area.

Environmental Precautions
Prevent entry into waterways, sewers, basements or confined areas.
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
Absorb with inert material. Shovel or sweep spills. Flush remainder with plenty of water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling
Handle in accordance with good industrial hygiene and safety practice.
Use personal protection recommended in Section 8.

Keep out of the reach of children and pets.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions
Keep container tightly closed and store in a dry, cool and well-ventilated place away from incompatible materials. Do not store below 45°F (7°C). Do not store above 80°F (27°C).

Keep out of the reach of children and pets.

Incompatible Materials
8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>STEL: 400 ppm</td>
<td>TWA: 400 ppm</td>
<td>IDLH: 2000 ppm</td>
</tr>
<tr>
<td>67-63-0</td>
<td>TWA: 200 ppm</td>
<td>TWA: 980 ppm</td>
<td>TWA: 400 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 400 ppm (Vacated)</td>
<td>TWA: 980 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA: 980 mg/m³ (Vacated)</td>
<td>STEL: 500 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>STEL: 500 ppm (Vacated)</td>
<td>STEL: 1225 mg/m³ (Vacated)</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Controls

Apply technical measures to comply with the occupational exposure limits.
Eyewash stations.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection

Wear goggles, chemical safety glasses or a face protection shield.

Skin and Body Protection

Chemical resistant, impermeable gloves are not required.

Respiratory Protection

Under normal conditions a respirator is not normally required.
A mask or respirator may be used if vapor concentration is high.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

- **Physical State**: Pre-Moistened Towelettes.
- **Appearance**: Natural Colored Pre-Moistened Towelettes.
- **Color**: Natural Color.
- **Odor**: Lemon.
9. PHYSICAL AND CHEMICAL PROPERTIES (continued)

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks * Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>11.0 - 12.0</td>
<td>68°F (20°C)</td>
</tr>
<tr>
<td>Melting Point / Freezing Point</td>
<td>&lt; 32°F / &lt; 0°C</td>
<td></td>
</tr>
<tr>
<td>Boiling Point / Boiling Range</td>
<td>212°F / 100°C</td>
<td>(Approximate)</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Flammable.</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>&lt; 1</td>
<td>(Butyl acetate = 1) (Approximate)</td>
</tr>
<tr>
<td>Flammability (Solid/Gas)</td>
<td>N/A-Liquid.</td>
<td></td>
</tr>
<tr>
<td>Flammability Limits In Air</td>
<td>Not Flammable.</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not Determined.</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>&gt; 1</td>
<td>(Air = 1) (Approximate)</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.99</td>
<td>68°F (20°C) (Water = 1)</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Completely Soluble.</td>
<td></td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>See Section 12.</td>
<td></td>
</tr>
<tr>
<td>Autoignition Temperature</td>
<td>Not Flammable.</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not Determined.</td>
<td></td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>Not Determined.</td>
<td></td>
</tr>
<tr>
<td>Dynamic Viscosity</td>
<td>Not Determined.</td>
<td></td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Not Explosive.</td>
<td></td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not Determined.</td>
<td></td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization

Hazardous polymerization will not occur.

Conditions to Avoid

Avoid direct sunlight. Avoid temperatures below 45°F / 7°C. Avoid temperatures above 80°F / 27°C.

Incompatible Materials


Hazardous Decomposition Products

None known.
11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation
Avoid breathing vapors or mists.

Eye Contact
Avoid contact with eyes.

Ingestion
Do not taste or swallow.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD_{50}</th>
<th>Dermal LD_{50}</th>
<th>Inhalation LC_{50}</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 67-63-0</td>
<td>4396 mg/kg (Rat)</td>
<td>12800 mg/kg (Rat)</td>
<td>72.6 mg/L (Rat) 4 hr.</td>
</tr>
</tbody>
</table>

Information on Physical, Chemical and Toxicological Effects

Symptoms
Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity
The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 67-63-0</td>
<td>A4</td>
<td>Group 3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>o-phenylphenol 90-43-7</td>
<td>N/A</td>
<td>Group 3</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

IARC (International Agency for Research on Cancer)
Group 3 - Not Carcinogenic to Humans.

ACGIH (The American Conference of Governmental Industrial Hygienists)
A4 - Not Classifiable as a Human Carcinogen.

STOT - Single Exposure
Not Determined.

STOT - Repeated Exposure
Not Determined.

Numerical Measures of Toxicity
Not Determined.
12. ECOLOGICAL INFORMATION

**Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic organisms.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>Known Toxin</td>
<td>Known Toxin</td>
<td>No Information</td>
<td>Known Toxin</td>
</tr>
<tr>
<td>67-63-0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>o-phenylphenol</td>
<td>Known Toxin</td>
<td>Known Toxin</td>
<td>Known Toxin</td>
<td>Known Toxin</td>
</tr>
<tr>
<td>90-43-7</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and Degradability**

Not Determined.

**Bioaccumulation**

Not Determined.

**Mobility**

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Partition Coefficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 67-63-0</td>
<td>0.05</td>
</tr>
<tr>
<td>o-phenylphenol 90-43-7</td>
<td>3.09</td>
</tr>
</tbody>
</table>

**Other Adverse Effects**

Not Determined.

13. DISPOSAL CONSIDERATIONS

**Waste Treatment Methods**

**Disposal of Wastes**

Dispose according to all local, state and federal regulations.

**Contaminated Packaging**

Dispose according to all local, state and federal regulations.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 67-63-0</td>
<td>Toxic / Ignitable</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT**

Not Regulated.

**IATA**

Not Regulated.

**IMDG**

Not Regulated.
15. REGULATORY INFORMATION

International Inventories

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/
European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

SARA 302
This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III. Section 302.

SARA 311/312
This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III. Section 311/312.

SARA 313
This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III. Section 313.

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>o-phenylphenol 90-43-7</td>
<td>See Note Below</td>
</tr>
</tbody>
</table>

NOTE: In a letter dated September 10, 2008, from Lanxess, Certol International, LLC’s Supplier of 2-phenylphenol (OPP), Lanxess Stated: “As none of the organizations/programs below have 2-phenylphenol (OPP) listed as a carcinogen, we do not see the legal authority to have 2-phenylphenol (OPP) listed under Proposition 65 in the State of California. National Toxicology Program (NTP); International Agency for Research on Cancer (IARC); Occupational Safety and Health Administration (OSHA); Environmental Protection Agency (EPA).”

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol 67-63-0</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>o-phenylphenol 90-43-7</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>
16. OTHER INFORMATION

NFPA

<table>
<thead>
<tr>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>0</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

HMIS

<table>
<thead>
<tr>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Determined</td>
<td>Not Determined</td>
<td>Not Determined</td>
<td>Not Determined</td>
</tr>
</tbody>
</table>

Issue Date       August 2013
Revision Date    March 2014
Revision Note    New formula update.

Disclaimer

The information contained herein is furnished without warranty or legal responsibility of any kind. Employers should use this information only as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials and the safety and health of employees.

End of Safety Data Sheet