

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name ProSpray C-60™

Note: After dilution, please reference ProSpray™ Ready-to-Use Safety Data Sheet for warning and precautions. Available online at: www.Certol.com/ProSpray

Other Means of Identification

SDS # PSC60/SDS/I03

UN/ID No. UN1993

Product Code PSC60

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Concentrated Surface Disinfectant, Cleaning and Holding Solution

Details of the Supplier of the Safety Data Sheet

Supplier Address Diatech USA
 497 La Mesa Rd Suite A
 Mt. Pleasant, SC 29464
 Phone: 1.800.222.1851
 Email: info@diatechusa.com

2. HAZARDS IDENTIFICATION


Classification

| | |
|--|------------|
| Serious Eye Damage / Eye Irritation | Category 1 |
| Skin Corrosion / Irritation | Category 2 |
| Specific Target Organ Toxicity (Single Exposure) | Category 3 |
| Flammable Liquids | Category 3 |
| Acute Toxicity - Inhalation (Vapors) | Category 4 |
| Acute Toxicity - Oral | Category 4 |

Signal Word

Physical & Chemical Hazards:

Health Hazards:

Environmental Hazards:

Danger.

Flammable liquid and vapors.

Harmful if inhaled, swallowed. Causes skin irritation and serious eye damage. May cause respiratory irritation, drowsiness, or dizziness.

See section 12.

GHS Label Element

Hazard Statements

| | |
|------|------------------------------------|
| H226 | Flammable liquid and vapor. |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |
| H336 | May cause drowsiness or dizziness. |

Precautionary Statements:

| | | |
|------------|------|--|
| Prevention | P201 | Obtain special instructions before use. |
| | P210 | Keep away from heat/sparks/open flames/hot surfaces. |
| | P233 | Keep container tightly closed. |
| | P243 | Take action to prevent static discharge. |
| | P260 | Do not breathe dust/fumes/gas/mist/vapors/spray. |
| | P271 | Use only outdoors or in a well-ventilated area. |
| Response | P280 | Wear protective gloves, protective clothing, eye protection and face protection. |
| | P314 | Get medical advice/attention if you feel unwell. |
| Storage | P370 | In case of fire, use CO ₂ , dry chemical or alcohol resistant foam to extinguish. |
| | P403 | Store in a well-ventilated place. |
| Disposal | P411 | Store at temperatures not exceeding 80°F (27°C) or below 45°F (7°C). |
| | P501 | Dispose according to all local, state and federal regulations. |

Hazard(s) not otherwise classified (HNO): Not determined.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS No. | Weight-% |
|--|------------|----------|
| o-phenylphenol | 90-43-7 | 9 |
| o-benzyl-p-chlorophenol | 120-32-1 | 1 |
| Isopropyl Alcohol | 67-63-0 | 26 |
| Ethylenediaminetetraacetic acid (EDTA) | 60-00-4 | * |
| Benzenesulfonic Acid | 68584-22-5 | * |
| Potassium Hydroxide | 1310-58-3 | * |

* The exact percentage is a trade secret.

4. FIRST AID MEASURES

| | |
|---------------------------------|---|
| <u>Inhalation</u> | Move to fresh air and keep at rest in a comfortable position for breathing. If not breathing, give artificial respiration. Consult a physician. |
| <u>Eye Contact</u> | Immediately flush with plenty of water. Remove any contact lenses, continue flushing for several minutes and call a physician immediately. |
| <u>Ingestion</u> | Do NOT induce vomiting. Never give anything by mouth to a person who is unconscious. Call a physician or Poison Control Center. |
| <u>Skin Contact</u> | Wash off immediately with plenty of water for several minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention. |
| <u>Symptoms</u> | Skin contact can lead to drying, itching, stinging and irritation. Exposed individuals may experience eye tearing, redness, corneal injury and/or burns. Inhalation may cause respiratory tract irritation. Ingestion may cause burning of the mouth, throat and digestive tract. |
| <u>Note to Physician</u> | Treat symptomatically. |

5. FIRE-FIGHTING MEASURES

| | |
|---|--|
| <u>Suitable Extinguishing Media</u> | Use CO ₂ , dry chemical or alcohol resistant foam to extinguish. |
| <u>Unsuitable Extinguishing Media</u> | Not Determined. |
| <u>Specific Hazards Arising from the Chemical</u> | None Determined. |
| <u>Hazardous Combustion Products</u> | Phenolic compounds, carbon monoxide and toxic fumes of chlorine and chlorides may be emitted. |
| <u>Protective Equipment and Precautions for Firefighters</u> | 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. 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.

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

Use a non-combustible material like vermiculite, sand or clay to soak up. Place into a container for later disposal. Dispose according to all local, state and federal regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practices.

Wash face, hands and any exposed skin thoroughly after handling.

Do not eat, drink or smoke when using this product.

Do not breathe dust/fumes/gas/mist/vapors/spray.

Keep cool.

Keep out of reach of children and pets.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

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

Incompatible Materials

Acids and oxidizing agents.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Guidelines

| Chemical Name | ACGIH TLV | OSHA PEL | NIOSH IDLH |
|----------------------------------|-------------------------------|---|---|
| Isopropyl Alcohol 67-63-0 | STEL: 400 ppm TWA: 200 ppm | TWA: 400 ppm TWA: 980 mg/m ³ TWA: 400 ppm (Vacated) TWA: 980 mg/m ³ (Vacated) STEL: 500 ppm (Vacated) STEL: 1225 mg/m ³ (Vacated) | IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³ |
| Potassium Hydroxide 1310-58-3 | Ceiling: 2 mg/m ³ | Ceiling: 2 mg/m ³ (Vacated) | Ceiling: 2 mg/m ³ |

Eye/Face Protection

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

Exposure Guidelines

See above occupational exposure limits.

Appropriate Engineering Controls

Eyewash stations and showers.

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, non-latex and impermeable gloves. Wear appropriate clothing to prevent repeated or prolonged skin contact.

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. Wash face, hands and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

| | | | | | | | |
|-----------------------|--------|-------------------|------------------------|--------------|---------------|-------------|-------------------------|
| Physical State | Liquid | Appearance | Natural Colored Liquid | Color | Natural Color | Odor | Alcohol, Phenol & Lemon |
|-----------------------|--------|-------------------|------------------------|--------------|---------------|-------------|-------------------------|

| Property | Values | Property | Values |
|---------------------------------------|------------------------|----------------------------------|---------------------|
| pH | 9.5 - 10.5 (77°F/25°C) | Specific Gravity | 0.997 (60°F/15.5°C) |
| Melting Point / Freezing Point | <32°F / < 0°C | Water Solubility | Completely Soluble |
| Boiling Point / Boiling Range | 188°F / 87°C | Partition Coefficient | Not Determined. |
| Flash Point | 80°F / 27°C | Autoignition Temperature | Not Determined. |
| Evaporation Rate | <1 | Decomposition Temperature | Not Determined. |
| Flammability (Solid/Gas) | N/A-Liquid | Kinematic Viscosity | Not Determined. |
| Flammability Limits In Air | Not Determined. | Dynamic Viscosity | Not Determined. |
| Vapor Pressure | Not Determined. | Explosive Properties | Not Determined. |
| Vapor Density | >1 | Oxidizing Properties | Not Determined. |

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) and above 80°F (27°C). |
| Incompatible Materials | Acids and oxidizing agents. |
| Hazardous Decomposition Products | Combustion products may include phenolic compounds, carbon monoxide and toxic fumes of chlorine and chlorides. |

11. TOXICOLOGICAL INFORMATION

Routes of Exposure Eye. Skin Contact. Inhalation. Ingestion.

Information on Likely Routes of Exposure

| | |
|---------------------|------------------------------|
| Ingestion | May be harmful if swallowed. |
| Inhalation | Harmful if inhaled. |
| Skin Contact | Causes skin irritation. |
| Eye Contact | Causes serious eye damage. |

Component Information

| Chemical Name | Oral LD ₅₀ | Dermal LD ₅₀ | Inhalation LC ₅₀ |
|-------------------------------------|-----------------------|-------------------------|------------------------------------|
| Isopropyl Alcohol 67-63-0 | 5840 mg/kg (Rat) | >12800 mg/kg (Rat) | >10,000 ppm (Rat) 6 hrs |
| o-benzyl-p-chlorophenol 120-32-1 | >2500 mg/kg (Rat) | >5000 mg/kg (Rat) | 2500 mg/m ³ (Rat) 4 hrs |
| o-phenylphenol 90-43-7 | 2980 mg/kg (Rat) | >5000 mg/kg (Rat) | >36 mg/m ³ (Rat) 4 hrs |
| Potassium Hydroxide 1310-58-3 | 214 mg/kg (Rat) | N/A | N/A |
| Benzenesulfonic Acid 68584-22-15 | N/A | N/A | 33920 mg/L (Rat) |

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

Carcinogenicity The product as a whole has not been tested.

| Chemical Name | ACGIH | IARC | NTP | OSHA |
|------------------------------|-------|---------|-----|------|
| Isopropyl Alcohol 67-63-0 | A4 | Group 3 | N/A | N/A |
| o-phenylphenol 90-43-7 | N/A | Group 3 | N/A | N/A |

ACGIH (The American Conference of Governmental Industrial Hygienists)

A4 - Not Classifiable as a Human Carcinogen.

IARC (International Agency for Research on Cancer)

Group 3 - Not Carcinogenic to Humans.

Numerical Measures of Toxicity

Not Determined.

12. ECOLOGICAL INFORMATION

Ecotoxicity An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

| Chemical Name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|-------------------------------------|----------------------|----------------|----------------------------|-------------|
| Isopropyl Alcohol 67-63-0 | Known Toxin | Known Toxin | No Information | Known Toxin |
| o-benzyl-p-chlorophenol 120-32-1 | Known Toxin | Known Toxin | Known Toxin | Known Toxin |
| o-phenylphenol 90-43-7 | Known Toxin | Known Toxin | Known Toxin | Known Toxin |
| Benzenesulfonic Acid 68584-22-15 | No Information | No Information | No Information | Known Toxin |

Persistence and Degradability

Not Determined.

Bioaccumulation

Not Determined.

Mobility

| Chemical Name | Partition Coefficient |
|------------------------------|-----------------------|
| Isopropyl Alcohol 67-63-0 | 1.1 |
| o-phenylphenol 90-43-7 | 3.09 |

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.

| Chemical Name | California Hazardous Waste Status |
|----------------------------------|-----------------------------------|
| Isopropyl Alcohol 67-63-0 | Toxic/Ignitable |
| Potassium Hydroxide 1310-58-3 | Toxic/Corrosive |

14. TRANSPORT INFORMATION

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

DOT

UN/ID No. UN1993
Proper Shipping Name Flammable Liquid, n.o.s (Contains Isopropyl Alcohol)
Hazard Class 3
Packing Group III

IATA

UN/ID No. UN1993
Proper Shipping Name Flammable Liquid, n.o.s (Contains Isopropyl Alcohol)
Hazard Class 3
Packing Group III

IMDG

UN/ID No. UN1993
Proper Shipping Name Flammable Liquid, n.o.s (Contains Isopropyl Alcohol)
Hazard Class 3
Packing Group III

15. REGULATORY INFORMATION

International Inventories

Not Determined.

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDL - 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

Comprehensive Environmental Response Compensation Liability Act of 1980 (CERCLA)

| Chemical Name | Hazardous Substances RQs | CERCLA / SARA RQ | Reportable Quantity (RQ) |
|---|--------------------------|------------------|---|
| Potassium Hydroxide 1310-58-3 | 1000 lb. | N/A | RQ 1000 lb. final RQ RQ 454 kg final RQ |
| Benzenesulfonic Acid 68584-22-15 | 1000 lb. | N/A | RQ 1000 lb. final RQ RQ 454 kg final RQ |
| Ethylene Diaminetetraacetic Acid (EDTA) 60-00-4 | 5000 lb. | N/A | RQ 5000 lb. final RQ RQ 2270 kg final RQ |

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.

SARA 311/312 Hazard Categories

| Chemical Name | CAS No | Weight % | SARA 313 - Threshold Values % |
|-------------------------|----------|----------|-------------------------------|
| Isopropyl Alcohol | 67-63-0 | 26% | 1.0% |
| o-phenylphenol | 90-43-7 | 9% | 1.0% |
| o-benzyl-p-chlorophenol | 120-32-1 | 1% | 0.1% |

Clean Water Act (CWA)

| Chemical Name | CWA - Reportable Quantities | CWA - Toxic Pollutants | CWA - Priority Pollutants | CWA - Hazardous Substances |
|---|-----------------------------|------------------------|---------------------------|----------------------------|
| Potassium Hydroxide 1310-58-3 | 1000 lb. | N/A | N/A | X |
| Benzenesulfonic Acid 68584-22-15 | 1000 lb. | N/A | N/A | X |
| Ethylene Diaminetetraacetic Acid (EDTA) 60-00-4 | 5000 lb. | N/A | N/A | X |

US State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals.

| Chemical Name | California Proposition 65 |
|---------------------------|---------------------------|
| o-phenylphenol 90-43-7 | See Note Below |

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

| Chemical Name | New Jersey | Massachusetts | Pennsylvania |
|---|------------|---------------|--------------|
| Isopropyl Alcohol 67-63-0 | X | X | X |
| o-phenylphenol 90-43-7 | X | X | X |
| Potassium Hydroxide 1310-58-3 | X | X | X |
| Benzenesulfonic Acid 68584-22-15 | X | X | X |
| Ethylene Diaminetetraacetic Acid (EDTA) 60-00-4 | X | X | X |
| o-benzyl-p-chlorophenol 120-32-1 | X | N/A | X |

16. OTHER INFORMATION

NFPA

| | | | |
|----------------------------|--------------------------|-------------------------|---|
| Health Hazards 2 | Flammability 1 | Instability 0 | Special Hazards Not Determined. |
|----------------------------|--------------------------|-------------------------|---|

HMIS

| | | | |
|--|--|--|---|
| Health Hazards Not Determined. | Flammability Not Determined. | Physical Hazards Not Determined. | Personal Protection Not Determined. |
|--|--|--|---|

Issue Date November 2016.

Revision Date April 2019.

Revision Note

Disclaimer

This Safety Data Sheet was prepared to comply with the current OSHA hazard Communication Standard adoption of the Globally Harmonized System of Classification and Labeling of Chemicals (GHS). 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