

Material Safety Data Sheet

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International

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ProSpray C-60™ Concentrated Surface Disinfectant/ Cleaner and Holding Solution

Product Number Prefix: PSC60

ISSUE DATE: October 2011 (Supersedes: January 2008)

Certol International, LLC urges each recipient of the MSDS to read it carefully to understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention, as needed to understand the data in the MSDS.

To promote safe handling, each recipient of the MSDS should: (1) notify anyone using the material of the MSDS information regarding hazards or safety; (2) furnish the MSDS information to customers purchasing the product; and (3) request the customers furnish MSDS information to all users.

Emergency and First Aid Procedures

Swallowing: Rinse mouth and throat thoroughly with tap water. Drink large amounts of water. DO NOT induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Seek medical attention immediately.

Skin Contact: Wash skin with flowing water or shower. If irritation persists, seek medical attention.

Inhalation: Remove the affected victim from exposure. Administer artificial respiration if breathing stopped. Seek medical attention immediately.

Eye Contact: Flush eyes with water for 15 minutes. If irritation persists, seek medical attention.

1. Identification

Product Name: ProSpray C-60™

Chemical Name: Blend

2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
o-Phenylphenol (OPP)	90-43-7
o-Benzyl-P-Chlorophenol (OBPCP)	120-32-1
Isopropyl Alcohol (IPA)	67-63-0

3. Physical Data

	Concentrate	Diluted 1:32
Appearance:	Natural color	Natural color
Odor:	Alcohol, phenol, and lemon	Lemon
Solubility In Water by Wt.:	100%	100%
Boiling Point:	188°F (87°C)	212°F (100°C)
Freezing Point:	Below 32°F (0°C)	Below 32°F (0°C)
Vapor Density (Air=1):	> 1	> 1
Evaporation Rate (BuAc=1)	< 1	< 1
Specific Gravity (H₂O = 1):	0.997 @ 68°F (20°C)	0.997 @ 68°F (20°C)
pH:	9.5 - 10.5	9.0 - 10.0

4. Fire and Explosion Hazard

Flash Point: 80°F (27°C)

Flammable Limits In Air: Not detected

Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective equipment.

Unusual Fire And Explosion Hazards: None

Extinguishing Media: No specific requirement

5. Health Hazard Data

CONCENTRATE:

COMPONENT	%	OSHA/PEL	ACGIH/TLV	LD ₅₀ (Dermal Rat)	LD ₅₀ (Oral Rat)
o-Phenylphenol	9%	N/A	N/A	> 5g/kg	> 2.7g/kg
o-Benzyl-P-Chlorophenol	1%	N/A	N/A	> 2.5g/kg	> 5g/kg
Isopropyl Alcohol	26%	400 ppm	400 ppm	N/A	N/A

Effect of Overexposure:

Swallowing: Burning of the mouth, throat and digestive tract

Skin Contact: May cause mild irritation

Inhalation: May cause mild irritation

Eye Contact: May cause corneal injury or burn

DILUTED 1:32:

COMPONENT	%	OSHA/PEL	ACGIH/TLV	LD ₅₀ (Dermal Rat)	LD ₅₀ (Oral Rat)
o-Phenylphenol	0.28%	N/A	N/A	> 5g/kg	> 2.7g/kg
o-Benzyl-P-Chlorophenol	0.03%	N/A	N/A	> 2.5g/kg	> 5g/kg

Effect of Overexposure:

Swallowing: Mild irritation of the mouth, throat and digestive tract

Skin Contact: May cause mild irritation

Inhalation: May cause mild irritation

Eye Contact: May cause irritation

6. Reactivity Data

Stability: Stable at normal conditions

Conditions To Avoid: Direct sunlight, excessive heat and cold below 45°F (7°C)

Incompatibility (Materials To Avoid): Acids, oxidizing and reducing materials

Hazardous Combustion or Decomposition Products:

CO, CO₂ and other potentially hazardous fumes

Hazardous Polymerization: Will not occur

7. Spill, Leak, and Waste Disposal Procedures

Steps To Be Taken If Material Is Released or Spilled: Absorb on clay, sawdust, or other absorbent

Waste Disposal Method: Dispose according to all local, state, and federal regulations.

8. Handling and Storage

Store 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). Keep out of reach of children.

9. Special Protection Information

Respiratory Protection: Not normally required. A mask or respirator may be used if vapor concentration is high.

Ventilation: Local exhaust or normal facility ventilation

Protective Gloves: Water resistant gloves (not required for diluted formula)

9. Special Protection Information

Eye Protection: Safety goggles and/or face shield

Protective Clothing: Where contact may occur, wear protective clothing (not required for diluted formula).

Other Protective Equipment: An eyewash station should be nearby and ready for use.

10. Regulation Information

Status On Substance List:

IARC: Does not list o-phenylphenol as a carcinogen

NTP: Does not list o-phenylphenol as a carcinogen

OSHA: Does not list o-phenylphenol as a carcinogen

California: Prop 65 Warning - This product contains o-phenylphenol, a chemical known to the state of California to cause cancer.

Federal EPA: 46851-1

State Right-to-Know:

SARA Section 311/312/313, OPP, OBCP

SARA Section 311/312, IPA

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)."

11. Transportation Data

Proper Shipping Name: Flammable liquids, (contains: isopropyl alcohol). None for diluted formula.

D.O.T.: n.o.s. Class 3, UN 1993, PG III. Not required for diluted formula.

CHEMICAL WARNING LABELS

Required on containers, tubs, and bottles, which are filled from original containers with potentially hazardous substances.

Hazard rating corresponding to the NFPA Rating System.

- 4 - Extreme**
- 3 - High**
- 2 - Moderate**
- 1 - Slight**
- 0 - Insignificant**

CONCENTRATE

NFPA HAZARD RATING
HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 0

DILUTED 1:32

NFPA HAZARD RATING
HEALTH: 1
FLAMMABILITY: 0
REACTIVITY: 0

Chemical Warning Label - Certol International, LLC ProSpray C-60™ Concentrated Surface Disinfectant/Cleaner and Holding Solution No wall reference is necessary.

Product Name: ProSpray C-60™

Hazardous Chemicals: o-phenylphenol, o-benzyl-p-chlorophenol, and isopropyl alcohol

Personal Protection: Gloves, safety goggles, and/or face shield

<u>ROUTE OF ENTRY</u>	<u>HEALTH HAZARD</u>	<u>FIRE HAZARD</u>
<input checked="" type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Irritant	<input type="checkbox"/> Below 73°F (23°C)
<input checked="" type="checkbox"/> Ingestion	<input type="checkbox"/> Carcinogen	<input checked="" type="checkbox"/> Below 100°F (38°C)
<input checked="" type="checkbox"/> Skin/eye absorption	<input type="checkbox"/> Toxic	<input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C)
	<input type="checkbox"/> Sensitizer	<input type="checkbox"/> Above 200°F (93°C)
	<input type="checkbox"/> Normal Material	<input type="checkbox"/> Will not burn
<u>TARGET ORGAN EFFECTS</u>	<u>PHYSICAL HAZARD</u>	<u>REACTIVITY</u>
<input checked="" type="checkbox"/> Respiratory	<input type="checkbox"/> Oxidizer	<input type="checkbox"/> May detonate
<input type="checkbox"/> Heart	<input type="checkbox"/> Acid	<input type="checkbox"/> Shock and heat may detonate
<input type="checkbox"/> Kidney	<input type="checkbox"/> Alkali	<input type="checkbox"/> Violent chemical change
<input checked="" type="checkbox"/> Eyes	<input checked="" type="checkbox"/> Corrosive	<input type="checkbox"/> Unstable if heated
<input checked="" type="checkbox"/> Skin	<input type="checkbox"/> Use no water	<input checked="" type="checkbox"/> Stable
<input type="checkbox"/> Prostate	<input type="checkbox"/> Radioactive	
<input type="checkbox"/> Blood		
<input type="checkbox"/> Liver		
<input type="checkbox"/> CNS		
<input type="checkbox"/> Other		

Data applies only to concentrate.

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.