

Material Safety Data Sheet

CERTOL[®]

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ProSpray C-60TM

Concentrated Surface Disinfectant and Holding Solution

Product Number Prefix: PSC60

ISSUE DATE: January 2008 (Supersedes: April 2007)

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-60TM

Chemical Name: Blend

2. Hazards

PRINCIPAL HAZARDOUS COMPONENTS	CAS #
O-Phenylphenol (OPP)	90-43-7
O-Benzyl-P-Chlorophenol (OBCP)	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:	N/A	N/A
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 @ 68°F (20°C)	9.0 - 10.0 @ 68°F (20°C)

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: CO₂, dry foam, dry chemical and water

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 104°F (40°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/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.
Chemicals listed as Carcinogen or Potential Carcinogen: National Toxicology Program; I.A.R.C. Monographs and OSHA do not list this product or it's ingredients as carcinogens. O-Phenylphenol produced urinary bladder tumors in male rats and liver tumors in male mice when fed exaggerated doses.
Federal EPA: 46851-1
State Right-to-Know: SARA Section 311/312/313, OPP, OBCP
 SARA Section 311/312, IPA

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.

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™. No wall reference is necessary.

Product Name: ProSpray C-60™
Hazardous Chemicals: o-phenylphenol, o-benzyl-p-chlorophenol, isopropyl alcohol.
Personal Protection: Gloves (not required for diluted formula, goggles and face shield).

<p>ROUTE OF ENTRY</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Ingestion <input checked="" type="checkbox"/> Skin/eye absorption <p>TARGET ORGAN EFFECTS</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Respiratory <input type="checkbox"/> Heart <input type="checkbox"/> Kidney <input checked="" type="checkbox"/> Eyes <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Prostate <input type="checkbox"/> Blood <input type="checkbox"/> Liver <input type="checkbox"/> CNS <input type="checkbox"/> Other 	<p>HEALTH HAZARD</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Irritant <input type="checkbox"/> Carcinogen <input type="checkbox"/> Toxic <input type="checkbox"/> Sensitizer <input type="checkbox"/> Normal Material <p>PHYSICAL HAZARD</p> <ul style="list-style-type: none"> <input type="checkbox"/> Oxidizer <input type="checkbox"/> Acid <input type="checkbox"/> Alkali <input checked="" type="checkbox"/> Corrosive <input type="checkbox"/> Use no water <input type="checkbox"/> Radioactive 	<p>FIRE HAZARD</p> <ul style="list-style-type: none"> <input type="checkbox"/> Below 73°F (23°C) <input checked="" type="checkbox"/> Below 100°F (38°C) <input type="checkbox"/> Above 100°F (38°C) & not > 200°F (93°C) <input type="checkbox"/> Above 200°F (93°C) <input type="checkbox"/> Will not burn <p>REACTIVITY</p> <ul style="list-style-type: none"> <input type="checkbox"/> May detonate <input type="checkbox"/> Shock and heat may detonate <input type="checkbox"/> Violent chemical change <input type="checkbox"/> Unstable if heated <input checked="" type="checkbox"/> Stable
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