



MATERIAL SAFETY DATA SHEET

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To Reorder Call:
 800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
 UNITED 151 PHENOFOG

USE/DESCRIPTION
 Surface Disinfectant Room Deodorizer

REVISION DATE
 April 3, 2008

HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

4 Extreme 3 High 2 Moderate 1 Slight 0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

REACTIVITY (0 = Maximum Safety) 0

Susceptible to Release of Energy.

- | | |
|--|--|
| 4 May detonate-vacate area if materials are exposed to fire. | 2 Violent chemical change possible-use hose stream from distance |
| 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. | 1 Unstable if heated-use precaution. |
| | 0 Normally stable. |

FLAMMABILITY (0 = Maximum Safety) 4

Susceptibility of Material to Burning.

- | | |
|-----------------------------------|------------------------------|
| 4 Extremely flammable. | 1 Must be preheated to burn. |
| 3 Ignites at normal temperature. | |
| 2 Ignites when moderately heated. | 0 Will not burn. |

PERSONAL PROTECTION: B



2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Ethanol	64-17-5	< 53	1000 ppm	1000 ppm	NE	NE
Propane	78-4-98-6	5-10	1000 ppm	1000 ppm	NE	NE
N-Butane	106-97-8	10-20	600 ppm	600 ppm	NE	NE

3. HAZARDS IDENTIFICATION

- Eyes:** May cause severe irritation, pain, redness, swelling, excess blinking and tear production and corneal injury.
Skin: May cause irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.
Inhalation: Intentional overexposure may irritate the respiratory system.
Ingestion: May cause headache, dizziness, incoordination, nausea, vomiting, diarrhea and general weakness.

4. FIRST AID MEASURES

- Eyes:** 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 eye. Call a poison control center or doctor for further treatment advice.
Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
Inhalation: Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
If Swallowed: Call a poison control center or physician immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by the poison control center or physician. Do not give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

- Flash Point (TOC):** 70°F/21°C Flame Extension: 10" **Explosive Limits:** Lower (LEL): ND Upper (UEL): ND
Flame Projection (Aerosol): Extremely flammable per 16 CFR 1500.3 and 1500.45.
Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce carbon dioxide and carbon monoxide.
Fire and Explosion Hazards: Exposure to temperatures above 130°F/54°C may cause container to burst, puncture or vent. Concentrate is highly volatile and flammable. Vapors may travel along the ground to ignition sources.
Extinguishing Media: Carbon dioxide, Dry chemical, Foam, Water fog, Water spray.
Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing in chemical fires. Use water spray to keep containers cool and vapors down.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Eliminate all ignition sources. Absorb spill with inert material. Put in containers for proper disposal.

Large Spills: Isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spreading. Pick up with an inert absorbent. Put in a suitable container for proper disposal.

7. HANDLING AND STORAGE

Keep away from heat, sparks, or open flame. Store at temperatures below 120°F/48°F. Keep out of reach of children. Wash hands after using aerosol. Store as NFPA 30B Level 3 Aerosol.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses or goggles are recommended.

Skin: Chemical resistant gloves are recommended.

Respiratory: If vapor concentration exceeds TLV, use a NIOSH or MSHA approved respirator.

Engineering Controls: Provide adequate ventilation to keep vapor concentration below TLV and prevent accumulation of excessive vapors.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 173°F/78°C **Specific Gravity:** 0.88 (H₂O=1) **Vapor Pressure:** ND **Melting Point:** ND

Vapor Density: ND **Evaporation Rate:** ND **Solubility in Water:** Complete **pH:** 8.5

Appearance and Odor: Slightly cloudy, colorless spray/mist with medicinal scent in an aerosol.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce carbon dioxide and carbon monoxide.

Chemical Stability: Stable

Incompatibility: Strong acids and oxidizers.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? Yes - Orthophenylphenol CAS# 90-43-7

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state, and federal regulations for proper disposal guidelines. Do not puncture or incinerate container.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC(Volatile Organic Compounds): 65%

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 151 PHENOFOG

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