1. Product And Company Identification

<table>
<thead>
<tr>
<th>Supplier</th>
<th>Manufacturer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chase Products Co.</td>
<td>Chase Products Co.</td>
</tr>
<tr>
<td>19th and Gardner Road</td>
<td>19th and Gardner Road</td>
</tr>
<tr>
<td>Broadview, IL 60155 USA</td>
<td>Broadview, IL 60155 USA</td>
</tr>
<tr>
<td>Company Contact: Laura E. Radevski</td>
<td>Company Contact: Laura E. Radevski</td>
</tr>
<tr>
<td>Telephone Number: 708-865-1000</td>
<td>Telephone Number: 708-865-1000</td>
</tr>
<tr>
<td>FAX Number: 708-865-0923</td>
<td>FAX Number: 708-865-0923</td>
</tr>
<tr>
<td>E-Mail: <a href="mailto:sales@chaseproducts.com">sales@chaseproducts.com</a></td>
<td>E-Mail: <a href="mailto:sales@chaseproducts.com">sales@chaseproducts.com</a></td>
</tr>
<tr>
<td>Web Site: <a href="http://www.chaseproducts.com">www.chaseproducts.com</a></td>
<td>Web Site: <a href="http://www.chaseproducts.com">www.chaseproducts.com</a></td>
</tr>
</tbody>
</table>

Supplier Emergency Contacts & Phone Number
Chem-Tel: 1-800-255-3924

Manufacturer Emergency Contacts & Phone Number
Chem-Tel: 1-800-255-3924

Issue Date: 04/12/2012

Product Name: PROSALL HOSPEX DISINFECTANT FORMULA 2

Chemical Name: 7-7814-3
EPA Registry Number: 498-134-68659
MSDS Number: 5063
Product Code: 433-1106-8

Product/Material Uses - Spray Disinfectant

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1-DIFLUOROETHANE</td>
<td>75-37-6</td>
<td></td>
</tr>
<tr>
<td>BUTANE</td>
<td>106-97-8</td>
<td></td>
</tr>
<tr>
<td>ETHYL ALCOHOL</td>
<td>64-17-5</td>
<td></td>
</tr>
<tr>
<td>O-PHENYLPHENOL</td>
<td>90-43-7</td>
<td>0.1</td>
</tr>
<tr>
<td>PROPANE</td>
<td>74-98-6</td>
<td></td>
</tr>
</tbody>
</table>

The ingredients listed on this section are only the hazardous components of the product.

3. Hazards Identification

**Primary Routes(s) Of Entry** - Ingestion (possible, but considered unlikely), eye contact, skin contact, inhalation.

**Eye Hazards** - Causes eye irritation. Do not get in eyes.

**Skin Hazards** - May cause skin irritation after prolonged contact with skin.

**Ingestion Hazards** - This is an aerosol product, ingestion is unlikely to occur.

**Inhalation Hazards** - Deliberate inhalation of concentrated vapor or mist may cause headaches, dizziness and nausea.

**Chronic/Carcinogenicity Effects** - PROPOSITION 65: "WARNING: This product contains o-phenylphenol a chemical known to the State of California to cause cancer".

**Teratogenicity (Birth Defects)** - Not known

**Reproductive Effects** - Not known

**Neurotoxicity** - Not known

**Mutagenicity (Genetic Effect)** - Not known

**Signs And Symptoms** - Acute: Deliberate inhalation of concentrated vapor or mist may cause headaches, dizziness
3. Hazards Identification - Continued

and nausea. Prolonged and repeated contact with skin may cause irritation. Contact with the eyes causes irritation.

**Conditions Aggravated By Exposure** - May aggravate pre-existing skin and respiratory disorders.

**Conditions Aggravated By Overexposure** - May aggravate pre-existing skin and respiratory disorders.

---

**First Aid (Pictograms)**

4. First Aid Measures

**Eye** - Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**Skin** - Wash skin with soap and water. If irritation develops, consult your physician.

**Ingestion** - Ingestion from an aerosol product is unlikely to occur.

**Inhalation** - If overcome by vapor move person to fresh air. If person is not breathing, call 911 or an ambulance, then provide artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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**Fire Fighting (Pictograms)**

5. Fire Fighting Measures

**Flash Point:** Not available °F Not available °C

**Flash Point Method:** Not available

**Lower Explosive Limit:** Not available

**Upper Explosive Limit:** Not available

**Fire And Explosion Hazards** - This product is an aerosol product for which Flame Projection is 18 in, with 4 in. flashback. Temperatures above 120 °F may cause cans to burst.

**Extinguishing Media** - Use CO2 (Carbon Dioxide), dry chemical, or water fog.

**Fire Fighting Instructions** - Water spray may be used to cool cans in the vicinity of fire or excessive heat.

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6. Accidental Release Measures

Provide adequate ventilation to area being treated. Soak up spills with chemically inert, absorbent material.

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7. Handling And Storage

**Handling And Storage Precautions** - Store in a cool, dry place away from heat and open flame.

**Handling Precautions** - Do not deliberately inhale vapor or spray mist. Avoid getting spray into eyes. Keep out of reach of children.

**Storage Precautions** - Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

AEROSOL STORAGE LEVEL II (NFPA-30B)

**Work/Hygienic Practices** - Wash hands thoroughly after handling.
8. Exposure Controls/Personal Protection

**Engineering Controls** - Use with adequate general or local exhaust ventilation.

**Eye/Face Protection** - Conventional eyeglasses to guard against splashing.

**Skin Protection** - Household type gloves, if desired.

**Respiratory Protection** - None required if used in a well-ventilated area.

**Ingredient(s) - Exposure Limits**

- **BUTANE**
  - ACGIH TLV-TWA 1000 ppm

- **ETHYL ALCOHOL**
  - ACGIH TLV-TWA 1000 ppm; OSHA PEL-TWA 1000 ppm

- **PROPANE**
  - ACGIH TLV-TWA 2500 ppm; OSHA PEL-TWA 1,000 ppm

9. Physical And Chemical Properties

**Appearance** - Clear to yellow-green liquid.

**Odor** - Perfumed

- Chemical Type: Mixture
- Physical State: Liquid
- Melting Point: Not applicable °F; Not applicable °C
- Boiling Point: ethyl alcohol 173-181 °F; ethyl alcohol 78.4 °C
- Specific Gravity: 0.844 concentrate
- Percent VOCs: 70
- pH Factor: 10.55 - 11.05
- Solubility: Soluble in water
- Evaporation Rate: Faster than butyl acetate

10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)** - Temperatures above 120 F

**Incompatible Materials** - Avoid heat, open flame and contact with strong oxidizers.

**Hazardous Decomposition Products** - Thermal decomposition may yield gases like carbon monoxide and carbon dioxide.

**Conditions To Avoid (Polymerization)** - Temperatures above 120 F

11. Toxicological Information

No Data Available...

12. Ecological Information

**Ecotoxicological Information** - No specific ecological data is available for this product. Please refer to Section 6 for information regarding accidental releases and Section 15 for regulatory reporting information.
### 13. Disposal Considerations

Do not puncture or incinerate container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions.

### 14. Transport Information

<table>
<thead>
<tr>
<th><strong>Proper Shipping Name</strong></th>
<th>ORM-D Consumer Commodity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hazard Class</strong></td>
<td>2.1</td>
</tr>
<tr>
<td><strong>DOT Identification Number</strong></td>
<td>UN1950</td>
</tr>
<tr>
<td><strong>DOT Shipping Label</strong></td>
<td>Aerosol Consumer Commodity</td>
</tr>
</tbody>
</table>

### 15. Regulatory Information

**U.S. Regulatory Information** - All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**SARA Hazard Classes**
Acute Health Hazard; Chronic Health Hazard; Fire Hazard
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

**SARA Section 313 Notification** - This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material. O-Phenylphenol, see section 2 for % amount in the product.

**Ingredient(s) - U.S. Regulatory Information**
O-PHENYLPHENOL
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

**Ingredient(s) - State Regulations**

- **1,1-DIFLUOROETHANE**
  New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New York City - Hazardous Substance

- **BUTANE**
  New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

- **ETHYL ALCOHOL**
  New Jersey - Workplace Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance

- **PROPANE**
  New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; New Jersey - Special Hazard; Pennsylvania - Workplace Hazard; Massachusetts - Hazardous Substance; New York City - Hazardous Substance
MATERIAL SAFETY DATA SHEET
PROSALL HOSPEX DISINFECTANT FORMULA 2

16. Other Information
Revision/Preparer Information
MSDS Preparer: Laura E. Radevski
MSDS Preparer Phone Number: 708-865-1000
This MSDS Supersedes A Previous MSDS Dated: 01/17/2011

Disclaimer
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Chase Products Co.

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