1. Product And Company Identification

Supplier
Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Manufacturer
Chase Products Co.
19th and Gardner Road
Broadview, IL 60155 USA

Company Contact: Laura E. Radevski
Telephone Number: 708-865-1000
FAX Number: 708-865-0923
E-Mail: sales@chaseproducts.com
Web Site: www.chaseproducts.com

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

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

Issue Date: 03/18/2010

Product Name: PROSALL WINDEMERE GLASS CLEANER
Chemical Name: 7-7694
MSDS Number: 4654
Product Code: 433-1110-3
Product/Material Uses - Glass Cleaner

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>2-BUTOXYETHANOL</td>
<td>111-76-2</td>
<td>1 - 5</td>
</tr>
<tr>
<td>*BUTANE</td>
<td>106-97-8</td>
<td></td>
</tr>
<tr>
<td>*PROPANE</td>
<td>74-98-6</td>
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</tbody>
</table>

*Components of Hydrocarbon Propellant. This product may also contain isobutane (CAS# 75-28-5). Hazardous components, according to OSHA, are listed when present at 1.0% or greater. Carcinogens are listed when present at 0.1% or greater.

3. Hazards Identification

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

Eye Hazards - Can cause irritation after contact with the eyes.

Skin Hazards - May cause skin irritation after prolonged contact with skin. 2-Butoxyethanol penetrates skin readily. Frequent or wide spread contact may result on skin absorption of potentially harmful amounts.

Ingestion Hazards - This is an aerosol product, ingestion is unlikely to occur. 2-Butoxyethanol may cause red blood cell hemolysis and possible liver and kidney damage.

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

Chronic/Carcinogenicity Effects - 2-Butoxyethanol may cause hemolysis of the blood cells leading to possible liver and kidney damage. None of the ingredients, present in excess of 0.1%, are listed as carcinogenic by NTP, IARC or OSHA.

Teratogenicity (Birth Defects) - Not known

Reproductive Effects - Not known

Neurotoxicity - Not known

Mutagenicity (Genetic Effect) - Not known

Signs And Symptoms - Acute: Deliberated 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 disorders.  
**Conditions Aggravated By Overexposure** - May aggravate pre-existing skin disorders.

### 4. First Aid Measures

- **Eye** - 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 treatment advice.  
- **Skin** - Wash skin with soap and water. If irritation develops, consult a 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.

### 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 0 in. 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.

### 6. Accidental Release Measures

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

### 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 I (NFPA-30B)**  
- **Work/Hygienic Practices** - Wash thoroughly after handling.

### 8. Exposure Controls/Personal Protection

- **Engineering Controls** - Use with adequate general and local exhaust ventilation.  
- **Eye/Face Protection** - Conventional eyeglasses to guard against splashing.  
- **Skin Protection** - Household type gloves.  
- **Respiratory Protection** - None required if used in a well-ventilated area.
### 8. Exposure Controls/Personal Protection - Continued

<table>
<thead>
<tr>
<th>Ingredient(s) - Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-BUTOXYETHANOL</td>
</tr>
<tr>
<td>ACGIH TLV-TWA 20 ppm (Skin); OSHA PEL-TWA 50 ppm (Skin)</td>
</tr>
<tr>
<td>*BUTANE</td>
</tr>
<tr>
<td>ACGIH TLV-TWA 1000 ppm</td>
</tr>
<tr>
<td>*PROPANE</td>
</tr>
<tr>
<td>ACGIH TLV-TWA 2500 ppm; OSHA PEL-TWA 1,000 ppm</td>
</tr>
</tbody>
</table>

### 9. Physical And Chemical Properties

- **Appearance**: Clear, water-like liquid.
- **Odor**: Mild perfumed odor.
- **Chemical Type**: Mixture
- **Physical State**: Liquid
- **Melting Point**: Not applicable °F Not applicable °C
- **Boiling Point**: Water 212 °F Water 100 °C
- **Specific Gravity**: 1.0 - 1.1 concentrate
- **Percent VOCs**: 9.08
- **pH Factor**: 9.7 - 10.9
- **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 and open flame.
- **Hazardous Decomposition Products**: None known in a significant amount.
- **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

- **Proper Shipping Name**: ORM-D Consumer Commodity
- **Hazard Class**: 2.1
- **DOT Identification Number**: UN1950
### 14. Transport Information - Continued

**DOT Shipping Label**
Aerosol Consumer Commodity

### 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
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: 2-Butoxyethanol. See section 2 for % amount in this product.

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

**Ingredient(s) - State Regulations**
- 2-BUTOXYETHANOL
  - New Jersey - Workplace Hazard; New Jersey - Environmental Hazard; Pennsylvania - Workplace Hazard;
  - Massachusetts - Hazardous Substance; 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

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

### NFPA / HMIS

<table>
<thead>
<tr>
<th>NFPA</th>
<th>HMIS</th>
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<tr>
<td>1</td>
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<tr>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>NA</td>
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</tr>
</tbody>
</table>

**HEALTH** 1
**FLAMMABILITY** 2
**REACTIVITY** 1
**PERSONAL PROTECTION** B

### 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: 03/08/2007
### Disclaimer

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Chase Products Co.