MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Product Name  GLASS PLUS® - Wipes
UPC CODES  Refer to Section 16
Product use  Cleaner
Manufacturer  Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225
In Case of Emergency: 1-800-228-4722
Transportation Emergencies: 24 Hour Number:
North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

<table>
<thead>
<tr>
<th>LEGEND</th>
<th>HMIS/NFPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health</td>
<td>/ 1</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Physical Hazard</td>
<td>0</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>A</td>
</tr>
</tbody>
</table>

2. Hazards Identification

Emergency overview  DO NOT PUSH FINGER THROUGH OPENING.

KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

Routes of exposure

Eye, Skin contact, Ingestion.

Eye

None expected during normal conditions of use.

Skin

Direct contact with eye may cause irritation.

Inhalation

None expected during normal conditions of use.

Ingestion

Health injuries are not known or expected under normal use.

Target organs

Eyes. Respiratory system. Skin.

Chronic effects

The finished product is not expected to have chronic health effects.

Signs and symptoms

Not applicable.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1-butoxy-</td>
<td>5131-66-8</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>2-Propanol, 1-methoxy-</td>
<td>107-98-2</td>
<td>1 - 2.5</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>141-43-5</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Sulfuric acid monododecyl ester sodium salt</td>
<td>151-21-3</td>
<td>0 - 0.1</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures

Eye contact

In case of eye contact, hold eyes open and IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing for at least 15 minutes. If irritation occurs or persists, get medical attention.

Skin contact

None expected under normal use conditions. Wash with soap and water after handling.
Inhalation
Move to fresh air.

Ingestion
Not a likely route of exposure. Product is a non-woven towelette wipes. If ingestion does occur by licking the wipe or other means: Rinse mouth with water. Contact a physician or Poison Control Center if symptoms develop. Never give an unconscious person anything to ingest.

Notes to physician
Contains glycol ethers and surfactants.

General advice
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin.

5. Fire Fighting Measures

Flammable properties
Not flammable by OSHA criteria.

Extinguishing media
Suitable extinguishing media
Treat for surrounding material.

Unsuitable extinguishing media
Not available

Protection of firefighters
Specific hazards arising from the chemical
Not available

Protective equipment for firefighters
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and are not limited to: Oxides of carbon.

Explosion data
Sensitivity to mechanical impact
Not available

Sensitivity to static discharge
Not available

6. Accidental Release Measures

Personal precautions
Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

Methods for containment
Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Pick up and discard towel.

Other information
Pick up and discard towel.

7. Handling and Storage

Handling
Avoid contact with eyes. Use good industrial hygiene practices in handling this material. DO NOT PUSH FINGER THROUGH OPENING.

Storage
Keep out of reach of children. Store in a closed container away from incompatible materials. Keep away from heat, open flames or other sources of ignition.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1-butoxy-</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>2-Propanol, 1-methoxy-</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 100 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL: 150 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 3 ppm</td>
</tr>
<tr>
<td></td>
<td>STEL: 6 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>TWA: 3 ppm</td>
</tr>
<tr>
<td>Sulfuric acid monododecyl ester sodium salt</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
</tbody>
</table>

**Engineering controls**

General ventilation normally adequate.

**Personal protective equipment**

- **Eye / face protection**
  - No special requirements under normal use conditions. Avoid contact with eyes.
  - When handling in large quantities or responding to emergency situations, the use of appropriate eye protection is recommended.

- **Hand protection**
  - No special requirements under normal use conditions. Wash hands after use.
  - Emergency responders should wear impermeable gloves.

- **Skin and body protection**
  - As required by employer code.
  - Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

- **Respiratory protection**
  - Not normally required under normal use conditions.

- **General hygiene considerations**
  - Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid saturated on wipe</td>
</tr>
<tr>
<td>Color</td>
<td>Clear liquid</td>
</tr>
<tr>
<td>Form</td>
<td>Pre-moistened towelette.</td>
</tr>
<tr>
<td>Odor</td>
<td>Fruity. / Floral</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>pH</td>
<td>11 (liquid)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 93 °C (&gt; 199.40 °F)</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, lower, % by volume</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
10. Stability and Reactivity

Chemical stability Stable under recommended storage conditions.
Conditions to avoid Do not mix with other chemicals.
Incompatible materials Acids. Caustics.
Hazardous decomposition products May include and are not limited to: Oxides of carbon.
Possibility of hazardous reactions Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1-butoxy-</td>
<td>Not available</td>
</tr>
<tr>
<td>2-Propanol, 1-methoxy-</td>
<td>54.6 mg/l/4h rat</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>1210 mg/m3 mouse</td>
</tr>
<tr>
<td>Sulfuric acid monododecyl ester sodium salt</td>
<td>Not available</td>
</tr>
</tbody>
</table>

Component analysis - Oral LD50

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-Propanol, 1-butoxy-</td>
<td>3300 mg/kg rat</td>
</tr>
<tr>
<td>2-Propanol, 1-methoxy-</td>
<td>3739 mg/kg rat; 11700 mg/kg mouse</td>
</tr>
<tr>
<td>Ethanol, 2-amino-</td>
<td>1720 mg/kg rat; 700 mg/kg mouse</td>
</tr>
<tr>
<td>Sulfuric acid monododecyl ester sodium salt</td>
<td>1288 mg/kg rat</td>
</tr>
</tbody>
</table>

Effects of acute exposure

| Eye                                           | None expected during normal conditions of use. Direct contact with eye may cause irritation. |
| Skin                                          | None expected during normal conditions of use. |
| Inhalation                                    | None expected during normal conditions of use. |
| Ingestion                                     | Health injuries are not known or expected under normal use. |
Sensitization                                  | The finished product is not expected to have chronic health effects. |
Chronic effects                                 | The finished product is not expected to have chronic health effects. |
Carcinogenicity                                 | The finished product is not expected to have chronic health effects. |
Mutagenicity                                    | The finished product is not expected to have chronic health effects. |
Reproductive effects                            | The finished product is not expected to have chronic health effects. |
Teratogenicity                                  | The finished product is not expected to have chronic health effects. |
Synergistic Materials                           | Not available |
12. Ecological Information

Ecotoxicity - Freshwater Algae Data
Ethanol, 2-amino- 141-43-5
Sulfuric acid monododecyl ester sodium salt 151-21-3

Ecotoxicity - Freshwater Fish Species Data
2-Propanol, 1-methoxy- 107-98-2
Ethanol, 2-amino- 141-43-5
Sulfuric acid monododecyl ester sodium salt 151-21-3

Ecotoxicity - Microtox Data
Ethanol, 2-amino- 141-43-5
Sulfuric acid monododecyl ester sodium salt 151-21-3

Ecotoxicity - Water Flea Data
2-Propanol, 1-methoxy- 107-98-2
Ethanol, 2-amino- 141-43-5
Sulfuric acid monododecyl ester sodium salt 151-21-3

Environmental effects Not available
Aquatic toxicity Not available
Persistence / degradability Not available
Bioaccumulation / accumulation Not available
Partition coefficient Not available
Mobility in environmental media Not available
Chemical fate information Not available

13. Disposal Considerations

Waste codes Not available
Disposal instructions Discard after single use.
Dispose in accordance with all applicable regulations.

14. Transport Information

UN/ID N.o. Not applicable

U.S. Department of Transportation (DOT): Classification: Not regulated
Proper shipping name Not applicable
U.S. DOT Hazard Class Not applicable
Subsidiary Risk Not applicable
Packing group Not applicable
DOT RQ (lbs) Not applicable
ERG NO Not applicable
15. Regulatory Information

**US Federal regulations**
This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Occupational Safety and Health Administration (OSHA)**
- 29 CFR 1910.1200 hazardous chemical: No

**CERCLA (Superfund) reportable quantity**
None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**
- Hazard categories:
  - Immediate Hazard: No
  - Delayed Hazard: No
  - Fire Hazard: No
  - Pressure Hazard: No
  - Reactivity Hazard: No
Section 302 extremely hazardous substance No
Section 311 hazardous chemical No
Clean Air Act (CAA) Not available
Clean Water Act (CWA) Not available
State regulations This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

### U.S. - California - 8 CCR Section 339 - Director’s List of Hazardous Substances
- 2-Propanol, 1-methoxy- 107-98-2 Present
- Ethanol, 2-amino- 141-43-5 Present

### U.S. - Illinois - Toxic Air Contaminants
- Ethanol, 2-amino- 141-43-5 Present

### U.S. - Massachusetts - Right To Know List
- 2-Propanol, 1-methoxy- 107-98-2 Present
- Ethanol, 2-amino- 141-43-5 Present

### U.S. - Minnesota - Hazardous Substance List
- 2-Propanol, 1-methoxy- 107-98-2 Present
- Ethanol, 2-amino- 141-43-5 Present

### U.S. - New Jersey - Right to Know Hazardous Substance List
- 2-Propanol, 1-methoxy- 107-98-2 sn 1613 Present
- Ethanol, 2-amino- 141-43-5 sn 0835 Present

### U.S. - Pennsylvania - RTK (Right to Know) List
- 2-Propanol, 1-methoxy- 107-98-2 Present
- Ethanol, 2-amino- 141-43-5 Present

### U.S. - Rhode Island - Hazardous Substance List
- 2-Propanol, 1-methoxy- 107-98-2 Toxic Present
- Ethanol, 2-amino- 141-43-5 Toxic; Flammable Present

#### Inventory status
<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

A “Yes” indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

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### 16. Other Information

**Disclaimer**
This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Further information**
19200-76650-0 - GLASS PLUS® - Wipes - 30ct. - 0175697
19200-77884-0 - GLASS PLUS® - Wipes - 60ct. - 0175697

**Issue date**
13-Nov-2009

**Effective date**
15-Nov-2009

**Prepared by**
Reckitt Benckiser Regulatory Department 800-333-3899

**Other information**
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.