Section 1. Product and Company Identification

Product Name: RESOLVE® DUAL POWER CARPET STAIN REMOVER (LIQUID)

MSDS# Not available.

Validation Date: 7/24/2009
Print Date: 7/24/2009

Product Description: Dual chamber carpet stain remover. When the chemicals in each chamber are mixed they form the active ingredients that perform the cleaning process.

Manufacturer: Reckitt Benckiser North America, Inc.
Morris Corporate Center IV
399 Interpace Parkway (P.O. Box 225)
Parsippany, N.J. 07054-0225

Item Number: 0169348

Formula Number:
- 0169348 (1315-176) Phase "A".
- 0068263 (969-176) Phase "B".
- 0169348 (1315-176) Phase "A".
- 0068263 (969-176) Phase "B".

UPC Number: 19200-77873 (22 oz. dual chamber HDPE plastic bottles)

Section 2. Composition and Information on Ingredients

Name | CAS # | % by Weight | Exposure Limits : TLV/PEL
--- | --- | --- | ---
1) CHAMBER "A" | 67-63-0 | 1.98 | TWA: 983 STEL: 1230 (mg/m³) from ACGIH (TLV) [United States]
2) ISOPROPYL ALCOHOL | 67-63-0 | 1.98 | TWA: 400 STEL: 500 (ppm) from ACGIH (TLV) [United States]
3) SODIUM BICARBONATE | 144-55-8 | 5.0 | TWA: 980 STEL: 1230 (mg/m³) from OSHA (PEL) [United States]
4) | | | TWA: 400 (ppm) from OSHA (PEL) [United States]
5) CHAMBER "B" | | | Not available.
6) HYDROGEN PEROXIDE | 7722-84-1 | 2.42 | TWA: 1.4 (mg/m³) from ACGIH (TLV) [United States]
7) CITRIC ACID | 77-92-9 | 1.02 | TWA: 1 (ppm) from ACGIH (TLV) [United States]
8) ISOPROPYL ALCOHOL | 67-63-0 | 1.98 | Not available. See ACGIH and OSHA data shown in Chamber "A".

Section 3. Hazards Identification

Emergency Overview: DANGER: CORROSIVE TO EYES. CAUSES BURNS TO EYES. SKIN IRRITANT. HARMFUL IF SWALLOWED. DO NOT get in eyes or on skin. DO NOT INGEST. Wash hands immediately after use. Contains Hydrogen Peroxide and Citric Acid.

KEEP OUT OF REACH OF CHILDREN.
Section 4. First Aid Measures

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. Get immediate medical attention.

Skin Contact
In case of skin contact, wash skin thoroughly with soap and water. If irritation persists, consult a physician.

Inhalation
Remove to fresh air.

Ingestion
If swallowed, DO NOT induce vomiting! Immediately rinse mouth, then drink a glass of water. Contact a physician or poison control center immediately. NEVER give an unconscious person anything to ingest.

Section 5. Fire and Explosion Data

Flammability
Not flammable. See Section 14 for any Shipping Classifications.

Flash Point
Chamber A = None determined, water content too high to ignite the flame.
Chamber B = 61° C (142° F).
Combined = >93° C (>200° F)

Explosive Limits in Air
Not available.

Products of Combustion
Thermal decomposition products may include carbon oxides and nitrogen oxides.

Fire and Explosion Hazards
None known.

Fire Fighting Media and Instructions
Use water spray, foam, dry chemical or carbon dioxide, as suitable, for the surrounding fire.

Special Fire Fighting Instructions
Wear self-contained breathing apparatus and protective clothing appropriate for fighting a chemical fire.

Section 6. Accidental Release Measures

Accidental Spill
Small spills: Wearing impervious gloves, soak up spill with absorbent material and dispose of in trash. Rinse area well to avoid slippery conditions.

Large spills: Wearing appropriate eye protection, impervious gloves and body protection such as a chemical suit and impervious boots, the liquid should be diked, contained and collected for later disposal according to local, state or federal regulations.

Section 7. Handling and Storage

Handling and Storage
DANGER: CORROSIVE TO EYES. CAUSES BURNS TO EYES. SKIN IRRITANT. HARMFUL IF SWALLOWED. DO NOT get in eyes or on skin. DO NOT INGEST. Wash hands immediately after use. Contains hydrogen peroxide and Citric Acid.

READ PACKAGE LABEL CAREFULLY. Store in original container in secure area inaccessible to children and pets. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Ventilation Requirements
No specific controls are needed.

Eye Protection
Corrosive to the eyes. Splashproof glasses, chemical goggles or full face shield. Emergency responders should wear full eye and face protection.

Skin Protection
Skin irritant. Gloves (impervious). Avoid contact with skin. If product gets on clothing, remove clothing and wash before wearing again. Emergency responders should wear impermeable gloves.

Respiratory Protection
None required

Other Protection
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

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## Work/Hygienic Practices
Wash thoroughly with soap and water after handling.

## Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Description</th>
<th>Liquid. (Dual chamber container that will combine ingredients from each chamber upon use at a common nozzle.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>Chamber A (blue color) the pH is 8.5; Chamber B (clear color) the pH is 3.9; Final Product, when combined, the pH is approximately 6.5</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus / herbaceous scent.</td>
</tr>
<tr>
<td>Color</td>
<td>Chamber A = Blue; Chamber B = Colorless, clear liquid.</td>
</tr>
<tr>
<td>Boiling/Condensation Point</td>
<td>Not available.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>Chamber A (Basic) = 1.034 / Chamber B (Acid Oxy) = 1.040; Mixed as finished product = 1.036 (Water = 1.000)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available.</td>
</tr>
<tr>
<td>Solubility</td>
<td>Complete.</td>
</tr>
<tr>
<td>Physical Chemical Comments</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

## Section 10. Stability and Reactivity Data

| Chemical Stability | The product is stable. |
| Conditions of Instability | None known. |
| Incompatibility with Various Substances | Do not mix with bleach or other household cleaners. Do not spray on metals. |
| Hazardous Decomposition Products | Carbon monoxide, carbon dioxide and oxides of nitrogen may be formed during thermal decomposition. |
| Hazardous Polymerization | Will not occur. |

## Section 11. Toxicological Information

| Exposure effects | 
| Eye Contact | Corrosive to eyes. |
| Skin Contact | Skin irritant. |
| Inhalation | Inhalation toxicity not determined. |
| Ingestion | HARMFUL IF SWALLOWED. |
| Carcinogenicity | Not listed as carcinogenic by OSHA, NTP or IARC. |
**Section 12. Ecological Information**

**Ecotoxicity**
Not available.

**Section 13. Disposal Considerations**

**Waste Disposal**
Discharge small amounts of waste liquid to sanitary sewer. Rinse and discard empty container in trash collection or rinse and recycle if appropriate in your area.

Large quantities of waste liquid: Contain and collect liquid for evaluation and disposal according to local, state and federal regulations.

**Section 14. Transport Information**

**DOT Classification**
Not regulated by DOT (United States).

**Proper Shipping Name**
Not applicable.

**DOT Identification Number**
Not applicable.

**Packing Group**
Not applicable.

**Maritime Transportation**
Not applicable.

**Hazardous Substances Reportable Quantity**
Not applicable.

**Special Provisions for Transport**
Not applicable.

**TDG Classification**
Not regulated by TDG.

**ADR Classification**
Not applicable.

**IMDG Classification**
Not regulated by IMDG.

**IATA Classification**
Not regulated by IATA.

**Section 15. Regulatory Information**

**Federal and State Regulations**
SARA Title III, Section 313 Toxic Chemical Notification & Release Reporting:

1) ISOPROPYL ALCOHOL Not available. 1.98 Not avail

California Proposition 65: This product contains the following ingredients which require a warning under the Safe Drinking Water & Toxic Enforcement Act:

None

**Other Classifications**
WHMIS (Canada) CLASS C: Oxidizing material.
CLASS D-1A: Material causing immediate and serious toxic effects (VERY TOXIC).

*Continued on Next Page*
Section 16. Other Information

HMIS (U.S.A.)

| Health Hazard | 3 |
| Fire Hazard    | 0 |
| Reactivity     | 1 |
| Personal Protection | D |

National Fire Protection Association (U.S.A.)

| Health | 3 |
| Fire Hazard | 0 |
| Reactivity | 1 |

Specific hazard

NFPA Aerosol Level

Not applicable.

Validated by Regulatory on 7/24/2009.

Printed 7/24/2009.

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