1. Product and Company Identification

Product Name: Professional RESOLVE® Spot and Stain Carpet Cleaner
CAS #: Mixture
Product use: Carpet cleaner
Distributed by: Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225
In Case of Emergency: 1-800-338-6167
Transportation Emergencies: 24 Hour Number: North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

2. Hazards Identification

Emergency overview
CAUTION
MAY CAUSE EYE IRRITATION.
Avoid contact with eyes.
KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects
Eye contact
If in eyes, IMMEDIATELY rinse eyes with plenty of water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists, get medical attention.

Skin contact
In keeping with good hygienic practices, wash exposed areas thoroughly with soap and water.

Inhalation
None required. Remove to fresh air.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium lauryl sulfate</td>
<td>151-21-3</td>
<td>3 - 5</td>
</tr>
</tbody>
</table>

4. First Aid Measures
Ingestion
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
Symptoms may be delayed.

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. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties
Not flammable by OSHA criteria.

Extinguishing media
Suitable extinguishing media

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.

Environmental precautions
Do not discharge into lakes, streams, ponds or public waters.
Inform the relevant authorities if the product has caused environmental pollution.

Methods for containment
Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.

7. Handling and Storage

Handling
CAUTION
May cause eye irritation. Avoid contact with eyes.
Use good industrial hygiene practices in handling this material.
When using do not eat or drink.
Wash hands before breaks and immediately after handling the product.
Do not mix with bleach and or use in conjunction with other household products.

Storage
Keep out of reach of children.
Store in original container in a cool, secure area inaccessible to children and pets.
Keep from freezing.

8. Exposure Controls / Personal Protection

Exposure limits
Ingredient(s) Exposure Limits
Sodium lauryl sulfate
ACGIH-TLV
Not established
OSHA-PEL
Not established

Engineering controls
General ventilation normally adequate.

Personal protective equipment
Eye / face protection
Avoid contact with eyes.
Emergency responders should wear full eye and face protection.
Hand protection  None required.
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  None required.
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

General hygiene considerations  Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Clear</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus, herbaceous.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>6.3 - 6.7 (Neutral)</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>Not available</td>
</tr>
<tr>
<td>Pour point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 199.94 °F (&gt; 93.3 °C) Tagliabue</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, lower, % by volume</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability limits in air, upper, % by volume</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.00 - 1.02</td>
</tr>
<tr>
<td>Octanol/water coefficient</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (H2O)</td>
<td>Complete</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Water thin</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

Reactivity  This product may react with strong oxidizing agents.
Possibility of hazardous reactions  Hazardous polymerization does not occur.
Chemical stability  Stable under recommended storage conditions.
Conditions to avoid  Do not mix with bleach or use with other chemicals. Keep from freezing.
Incompatible materials  Oxidizers. Acids.
Hazardous decomposition products  May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Component analysis - LC50
Ingredient(s)  LC50
Sodium lauryl sulfate  Not available

Component analysis - Oral LD50
Ingredient(s)  LD50
Sodium lauryl sulfate  1288 mg/kg rat
Effects of acute exposure

- **Eye**: None expected during normal conditions of use. May cause eye irritation upon direct contact with the eyes.
- **Skin**: None expected during normal conditions of use.
- **Inhalation**: None expected during normal conditions of use.
- **Ingestion**: None expected during normal conditions of 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.

Name of Toxicologically Synergistic Products: Not available

12. Ecological Information

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>See below</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ecotoxicity - Freshwater Algae - Acute Toxicity Data</strong></td>
<td></td>
</tr>
<tr>
<td>Sodium lauryl sulfate</td>
<td>151-21-3</td>
</tr>
<tr>
<td>72 Hr EC50 Desmodesmus subspicatus: 53 mg/L; 96 Hr EC50 Desmodesmus subspicatus: 30 - 100 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 117 mg/L; 96 Hr EC50 Pseudokirchneriella subcapitata: 3.59 - 15.6 mg/L [static]</td>
<td></td>
</tr>
<tr>
<td><strong>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</strong></td>
<td></td>
</tr>
<tr>
<td>Sodium lauryl sulfate</td>
<td>151-21-3</td>
</tr>
<tr>
<td>96 Hr LC50 Pimephales promelas: 8-12.5 mg/L [static] (fry); 96 Hr LC50 Pimephales promelas: 15-18.9 mg/L [static] (juvenile); 96 Hr LC50 Pimephales promelas: 22.1-22.8 mg/L [static] (adult); 96 Hr LC50 Oncorhynchus mykiss: 4.3-8.5 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 4.62 mg/L [flow-through]; 96 Hr LC50 Oncorhynchus mykiss: 4.2 mg/L; 96 Hr LC50 Brachydanio rerio: 7.97 mg/L [flow-through]; 96 Hr LC50 Brachydanio rerio: 9.9-20.1 mg/L [semi-static]; 96 Hr LC50 Lepomis macrochirus: 4.06-5.</td>
<td></td>
</tr>
<tr>
<td><strong>Ecotoxicity - Water Flea - Acute Toxicity Data</strong></td>
<td></td>
</tr>
<tr>
<td>Sodium lauryl sulfate</td>
<td>151-21-3</td>
</tr>
<tr>
<td>48 Hr EC50 Daphnia magna: 1.8 mg/L</td>
<td></td>
</tr>
</tbody>
</table>

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

13. Disposal Considerations

- **Disposal instructions**: Dispose in accordance with all applicable regulations. Container Disposal: Rinse and replace cap and discard container or recycle where appropriate.
- **Waste from residues / unused products**: Not available
- **Contaminated packaging**: Not available
### 14. Transport Information

<table>
<thead>
<tr>
<th>UN/ID N.o.</th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>U.S. Department of Transportation (DOT):</strong> Classification:</td>
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<tr>
<td>Proper shipping name</td>
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<tr>
<td>U.S. DOT Hazard Class</td>
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</tr>
<tr>
<td>Subsidiary Risk</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable</td>
</tr>
<tr>
<td>DOT RQ (lbs)</td>
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</tr>
<tr>
<td>ERG NO</td>
<td>Not applicable</td>
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<tr>
<td><strong>Transportation of Dangerous Goods (TDG - Canada):</strong> Classification:</td>
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</tr>
<tr>
<td>Proper shipping name</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Status</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable</td>
</tr>
<tr>
<td><strong>IMDG (Marine Transport):</strong> Classification:</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Proper shipping name</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Class</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Subsidiary Risk</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable</td>
</tr>
<tr>
<td>IMDG Page</td>
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</tr>
<tr>
<td>Marine pollutant</td>
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</tr>
<tr>
<td>EMS</td>
<td>Not applicable</td>
</tr>
<tr>
<td>MFAG</td>
<td>Not applicable</td>
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<tr>
<td>Maximum Quantity</td>
<td>Not applicable</td>
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<tr>
<td><strong>IATA/ICAO (Air):</strong> Classification:</td>
<td>Not regulated</td>
</tr>
<tr>
<td>Proper shipping name</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Class</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Subsidiary Risk</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Packing group</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Maximum Quantity</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>
15. Regulatory Information

**Occupational Safety and Health Administration (OSHA)**

29 CFR 1910.1200 hazardous chemical Yes

**US Federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Product Registration: Product is compliant with CPSC regulatory guidelines; a specific registration is not required for this product.

**CERCLA (Superfund) reportable quantity**

None

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

Hazard categories

- Immediate Hazard - Yes
- Delayed Hazard - No
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

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.

**Inventory status**

Inventory name

<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).

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**

Professional RESOLVE® Spot and Stain Carpet Cleaner - 0077294v4.0

**Issue date**

16-Aug-2012

**Effective date**

15-Aug-2012

**Prepared by**

Reckitt Benckiser Regulatory Department 800-333-3899
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.