1. Product and Company Identification

Product Name: RESOLVE® Dual Power
UPC CODES: Refer to Section 16
CAS #: Mixture
Product Use: Stain remover
Distributed by: Reckitt Benckiser (Canada) Inc.
1680 Tech Avenue Unit #2
Mississauga, ON L4W 5S9
In Case of Emergency: 1-800-888-0192
Transportation Emergencies: 24 Hour Number:
North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

2. Hazards Identification

Emergency Overview
DANGER
Causes burns.
Do not get in eyes, on skin or on clothing.
DO NOT swallow.
Handle with care.
Wash hands immediately after use.
To open, squeeze tabs and turn cap.
Keep out of reach of children.

Potential short term health effects
Routes of exposure
Eye, Skin contact, Inhalation, Ingestion.

Eyes
Corrosive to eyes.

Skin
Skin irritant.
Not expected to be a skin sensitizer.

Inhalation
Inhalation toxicity not determined.

Ingestion
May cause gastrointestinal upset or irritation if ingested.

Target organs
Eyes. Respiratory system. Skin.

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

Signs and symptoms
Symptoms may include redness, oedema, drying, defatting and cracking of the skin.
Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subtilisin protease enzyme</td>
<td>9014-01-1</td>
<td>0 - 0.1</td>
</tr>
<tr>
<td>Sodium tetraborate decahydrate</td>
<td>1303-96-4</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Sodium citrate</td>
<td>6132-04-3</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1 - 5</td>
</tr>
<tr>
<td>1,2-Propylene glycol</td>
<td>57-55-6</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>68551-12-2</td>
<td>7 - 13</td>
</tr>
</tbody>
</table>
4. First Aid Measures

**First aid procedures**

**Eye contact**
In case of eye contact, IMMEDIATELY rinse eyes thoroughly with plenty of water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. Get medical attention immediately.

**Skin contact**
In case of skin contact, wash with soap and water. If irritation persists, get medical attention. If on clothes, remove clothes.

**Inhalation**
Remove to fresh air.

**Ingestion**
If swallowed, rinse mouth and drink a glass of water. Do not induce vomiting. IMMEDIATELY contact a physician or Poison Control Centre.

**Notes to physician**
Treat patient symptomatically.

**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 WHMIS criteria.

**Extinguishing media**

- **Suitable extinguishing media**
  Water spray. Foam. Dry chemical.

- **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. Oxides of nitrogen.

**Explosion data**

- **Sensitivity to mechanical impact**
  Not available

- **Sensitivity to static discharge**
  Not available

6. Accidental Release Measures

**Personal precautions**
Avoid contact with eyes.
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**
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.

7. Handling and Storage

**Handling**

DANGER
Do not get in eyes or on skin.
Do not ingest.
Wash hands immediately after use.
When using do not eat or drink.
Use according to package label instructions.

**Storage**
Keep out of reach of children.
Store in a closed container away from incompatible materials.
Store in a cool dry place inaccessible to children and pets.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-Propylene glycol</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Alcohols, C12-16, ethoxylated</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 1 ppm</td>
</tr>
<tr>
<td>Sodium citrate</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Not established</td>
</tr>
<tr>
<td>Sodium tetraborate decahydrate</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 2 mg/m3</td>
</tr>
<tr>
<td></td>
<td>STEL: 6 mg/m3</td>
</tr>
<tr>
<td>Subtilisin protease enzyme</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>Ceiling: 0.0001 mg/m3</td>
</tr>
</tbody>
</table>

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye/face protection
Safety glasses or goggles. Emergency responders should wear full eye and face protection.

Hand protection
Impervious gloves. Avoid contact with the skin. 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
Avoid inhalation of dust. 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
Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. 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>gel</td>
</tr>
<tr>
<td>Colour</td>
<td>Pink (Chamber A)</td>
</tr>
<tr>
<td></td>
<td>Clear (Chamber B)</td>
</tr>
<tr>
<td>Form</td>
<td>Fluid</td>
</tr>
<tr>
<td>Odour</td>
<td>Floral</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>pH</td>
<td>3.5-4.5 (Pink), 8.0-9.0 (Clear), 6.5 (Final product)</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>Not available</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>
</tbody>
</table>
Flammability Limits in Air, Upper, % by Volume

Vapour pressure Not available
Vapour density Not available
Specific gravity 1.01
Octanol/water coefficient Not available
Solubility (H2O) Complete

10. Stability and Reactivity

Chemical stability Stable under recommended storage conditions.
Conditions to avoid DO NOT MIX WITH BLEACH or use in conjunction with other household products.
Incompatible materials Oxidizers.
Caustics.
Hazardous decomposition products May include and are not limited to: Oxides of carbon. Oxides of nitrogen.
Possibility of hazardous reactions Hazardous polymerisation does not occur.

11. Toxicological Information

Component analysis - LC50
Ingredient(s) LC50
1,2-Propylene glycol Not available
Alcohols, C12-16, ethoxylated Not available
Hydrogen peroxide Not available
Sodium citrate Not available
Sodium tetraborate decahydrate Not available
Subtilisin protease enzyme Not available

Component analysis - Oral LD50
Ingredient(s) LD50
1,2-Propylene glycol 14800 mg/kg rabbit; 20000 mg/kg rat
Alcohols, C12-16, ethoxylated 1380 mg/kg rat
Hydrogen peroxide 75 mg/kg rat; 2000 mg/kg mouse
Sodium citrate Not available
Sodium tetraborate decahydrate 2660 mg/kg rat; 5330 mg/kg guinea pig
Subtilisin protease enzyme 2000 mg/kg rat

Effects of acute exposure

Eye Corrosive to eyes.
Skin Skin irritant.
Not expected to be a skin sensitizer.
Inhalation Inhalation toxicity not determined.
Ingestion May cause gastrointestinal upset or irritation if ingested.
Sensitisation 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.

ACGIH - Threshold Limit Values - Carcinogens
Hydrogen peroxide 7722-84-1 A3 - Confirmed animal carcinogen with unknown relevance to humans.
Sodium tetraborate decahydrate 1303-96-4 A4 - Not Classifiable as a Human Carcinogen

IARC - Group 3 (Not Classifiable)
Hydrogen peroxide 7722-84-1 Monograph 71 [1999]; Supplement 7 [1987]; Monograph 36 [1985]

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**
Components of this product have been identified as having potential environmental concerns.

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ecotoxicity - Freshwater Algae - Acute Toxicity Data</strong></td>
<td></td>
</tr>
<tr>
<td>1,2-Propylene glycol</td>
<td>96 Hr EC50 Pseudokirchneriella subcapitata: 19000 mg/L</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>72 Hr EC50 Chlorella vulgaris: 2.5 mg/L</td>
</tr>
<tr>
<td><strong>Ecotoxicity - Freshwater Fish - Acute Toxicity Data</strong></td>
<td></td>
</tr>
<tr>
<td>1,2-Propylene glycol</td>
<td>96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41-47 ml/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>96 Hr LC50 Pimephales promelas: 16.4 mg/L; 96 Hr LC50 Lepomis macrochirus: 18-56 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 10.0-32.0 mg/L [static]</td>
</tr>
<tr>
<td><strong>Ecotoxicity - Water Flea - Acute Toxicity Data</strong></td>
<td></td>
</tr>
<tr>
<td>1,2-Propylene glycol</td>
<td>24 Hr EC50 Daphnia magna: &gt;10000 mg/L; 48 Hr EC50 Daphnia magna: &gt;1000 mg/L [Static]</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>24 Hr EC50 Daphnia magna: 7.7 mg/L; 48 Hr EC50 Daphnia magna: 18 - 32 mg/L [Static]</td>
</tr>
</tbody>
</table>

**Environmental effects**
Not available

**Aquatic toxicity**
Not available

**Persistence and degradability**
Not available

**Bioaccumulation/accumulation**
Not available

**Partition coefficient**
Not available

**Mobility in environmental media**
Not available

**Chemical fate information**
Not available

**Other adverse effects**
Not available

13. Disposal Considerations

**Waste codes**
Not available

**Disposal instructions**
Dispose in accordance with all applicable regulations.

**Waste from residues / unused products**
Not available

**Contaminated packaging**
Not available

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
Transportation of Dangerous Goods (TDG - Canada): Classification: Not regulated

<table>
<thead>
<tr>
<th>Proper shipping name</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status</td>
<td>Not applicable</td>
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<tr>
<td>Packing group</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

IMDG (Marine Transport): Classification: Not regulated

<table>
<thead>
<tr>
<th>Proper shipping name</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<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>
<td>Not applicable</td>
</tr>
<tr>
<td>Marine pollutant</td>
<td>Not applicable</td>
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<tr>
<td>EMS</td>
<td>Not applicable</td>
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<tr>
<td>MFAG</td>
<td>Not applicable</td>
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<tr>
<td>Maximum Quantity</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

IATA/ICAO (Air): Classification: Not regulated

<table>
<thead>
<tr>
<th>Proper shipping name</th>
<th>Not applicable</th>
</tr>
</thead>
<tbody>
<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

Canadian federal regulations
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

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

Canada - WHMIS - Ingredient Disclosure List

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,2-Propylene glycol</td>
<td>57-55-6</td>
<td>1 %</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>1 %</td>
</tr>
<tr>
<td>Sodium tetraborate decahydrate</td>
<td>1303-96-4</td>
<td>1 %</td>
</tr>
</tbody>
</table>

WHMIS classification Exempt - Consumer product
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>Canada</td>
<td>Domestic Substances List (DSL)</td>
<td>Yes</td>
</tr>
<tr>
<td>Canada</td>
<td>Non-Domestic Substances List (NDSL)</td>
<td>No</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
62338-77667 - 650 mL - RESOLVE® Dual Power - 0068261/0068264

Issue date
24-Aug-2010

Effective Date
15-Aug-2010

Expiry Date
15-Aug-2013

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.