1. Product and Company Identification

<table>
<thead>
<tr>
<th>Product Name</th>
<th>RESOLVE® Triple Oxi Advanced Trigger</th>
</tr>
</thead>
<tbody>
<tr>
<td>UPC CODES</td>
<td>Refer to Section 16</td>
</tr>
<tr>
<td>CAS #</td>
<td>Mixture</td>
</tr>
<tr>
<td>Product use</td>
<td>Carpet care</td>
</tr>
<tr>
<td>Distributed by</td>
<td>Reckitt Benckiser</td>
</tr>
<tr>
<td></td>
<td>Morris Corporate Center IV</td>
</tr>
<tr>
<td></td>
<td>399 Interpace Parkway</td>
</tr>
<tr>
<td></td>
<td>P.O. Box 225</td>
</tr>
<tr>
<td></td>
<td>Parsippany, NJ 07054-0225</td>
</tr>
<tr>
<td>In Case of Emergency:</td>
<td>1-800-228-4722</td>
</tr>
<tr>
<td>Transportation Emergencies: 24 Hour Number:</td>
<td></td>
</tr>
<tr>
<td>North America: CHEMTREC: 1-800-424-9300</td>
<td></td>
</tr>
<tr>
<td>Outside North America: 1-703-527-3887</td>
<td></td>
</tr>
</tbody>
</table>

2. Hazards Identification

Emergency overview

CAUTION

EYE IRRITANT. MAY CAUSE SKIN IRRITATION.
Do not get directly in eyes or on skin.
KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

Routes of exposure

Eye, Skin contact, Inhalation, Ingestion.

Eyes

Eye irritant. (based on raw material data)

Skin

May cause skin irritation. (based on raw material data)
Not expected to be a skin sensitizer.

Inhalation

Not harmful. (based on raw material data)

Ingestion

Not harmful (calculated LD50 > 5000 mg/kg)

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, edema, drying, defatting and cracking of the skin.

3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol ethoxylate C4-C8, 5EO</td>
<td>Proprietary</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>&lt; 2.5</td>
</tr>
<tr>
<td>Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts</td>
<td>68585-47-7</td>
<td>&lt; 2.5</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures

Eye contact

In case of eye contact, IMMEDIATELY rinse 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 case of skin contact, wash area with plenty of soap and water. If irritation occurs, get medical attention.

Inhalation
In case of accident, move the person to fresh air. Use only as directed.

Ingestion
If swallowed, DO NOT induce vomiting. Call a physician or Poison Control Centre IMMEDIATELY.

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
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.

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
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 in original containers for re-use.

7. Handling and Storage

Handling
Avoid contact with eyes and skin. Use good industrial hygiene practices in handling this material. When using do not eat or drink.

Storage
Keep out of reach of children.
Store in original container in a cool, secure area inaccessible to children and pets.
8. Exposure Controls / Personal Protection

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol ethoxylate C4-C8, 5EO</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>Hydrogen peroxide</td>
<td>ACGIH-TLV</td>
</tr>
<tr>
<td></td>
<td>TWA: 1 ppm</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL</td>
</tr>
<tr>
<td></td>
<td>TWA: 1 ppm</td>
</tr>
<tr>
<td>Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts</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**: Not normally required under normal use conditions. Emergency responders should wear full eye and face protection.
- **Hand protection**: No special requirements under normal use conditions. 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. 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>Pale amber to Colorless</td>
</tr>
<tr>
<td>Form</td>
<td>aqueous solution</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</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>5.3 - 5.7 (10% solution)</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; 140.00 °F (&gt; 60 °C)</td>
</tr>
<tr>
<td>Evaporation rate</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 available</td>
</tr>
<tr>
<td>Vapor density</td>
<td>Not available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.000 - 1.020 g/mL</td>
</tr>
<tr>
<td>Octanol/water coefficient</td>
<td>Not available</td>
</tr>
</tbody>
</table>
Solubility (H2O) Complete
Auto-ignition temperature Not available
Viscosity Water thin

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.
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
Ingredient(s) LC50
Alcohol ethoxylate C4-C8, 5EO 1 mg/l/4h rat
Hydrogen peroxide Not available
Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts Not available

Component analysis - Oral LD50
Ingredient(s) LD50
Alcohol ethoxylate C4-C8, 5EO 830 mg/kg rat
Hydrogen peroxide 75 mg/kg rat; 2000 mg/kg mouse
Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts 1300 mg/kg rat

Effects of acute exposure
Eye Eye irritant. (based on raw material data)
Skin May cause skin irritation. (based on raw material data)
Not expected to be a skin sensitizer.
Inhalation Not harmful. (based on raw material data)
Ingestion Not harmful (calculated LD50 > 5000 mg/kg)
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.

ACGIH - Threshold Limit Values - Carcinogens
Hydrogen peroxide 7722-84-1 A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans
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 - Freshwater Algae Data
Hydrogen peroxide 7722-84-1 72 Hr EC50 Chlorella vulgaris: 2.5 mg/L
Ecotoxicity - Freshwater Fish Species Data
Hydrogen peroxide 7722-84-1 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]
Ecotoxicity - Water Flea Data
Hydrogen peroxide 7722-84-1 24 Hr EC50 Daphnia magna: 7.7 mg/L; 48 Hr EC50 Daphnia magna: 18 - 32 mg/L [Static]

Environmental effects Not available
Aquatic toxicity Not available
Persistence / degradability 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
  Proper shipping name Not applicable
  Status Not applicable
  Packing group Not applicable

IMDG (Marine Transport): Classification: Not regulated
  Proper shipping name Not applicable
  Class Not applicable
  Subsidiary Risk Not applicable
  Packing group Not applicable
  IMDG Page Not applicable
  Marine pollutant Not applicable
  EMS Not applicable
  MFAG Not applicable
  Maximum Quantity Not applicable
IATA/ICAO (Air): Classification: Not regulated
Proper shipping name: Not applicable
Class: Not applicable
Subsidiary Risk: Not applicable
Packing group: Not applicable
Maximum Quantity: Not applicable

15. Regulatory Information

US Federal regulations
This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
CERCLA/SARA Hazardous Substances - Not applicable.

Product Registration: Not registered

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs
Hydrogen peroxide 7722-84-1 1000 Lb EPCRA RQ (concentration >52%)
U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
Hydrogen peroxide 7722-84-1 1000 Lb TPQ (concentration >52%)

Occupational Safety and Health Administration (OSHA)
29 CFR 1910.1200 hazardous chemical Yes

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

Section 302 extremely hazardous substance
No

Section 311 hazardous chemical
Yes

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
Hydrogen peroxide 7722-84-1 Present

U.S. - Massachusetts - Right To Know List
Hydrogen peroxide 7722-84-1 Extraordinarily hazardous

U.S. - Minnesota - Hazardous Substance List
Hydrogen peroxide 7722-84-1 Present (includes Hydrogen Peroxide [90%])

U.S. - New Jersey - Right to Know Hazardous Substance List
Hydrogen peroxide 7722-84-1 sn 1015

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
Hydrogen peroxide 7722-84-1 1 Lb RQ (air); 1 lb RQ (land/water)

U.S. - Ohio - Extremely Hazardous Substances - Threshold Quantities
Hydrogen peroxide 7722-84-1 500 Lb TQ (concentration >52%)

U.S. - Pennsylvania - RTK (Right to Know) List
Hydrogen peroxide 7722-84-1 Environmental hazard (concentration >52%)

U.S. - Rhode Island - Hazardous Substance List
Hydrogen peroxide 7722-84-1 Toxic; Flammable

U.S. - Texas - Tier II Chemical Reporting - Extremely Hazardous Substances - Reportable Quantities
Hydrogen peroxide 7722-84-1 1000 Lb RQ

U.S. - Texas - Tier II Chemical Reporting - Extremely Hazardous Substances - Threshold Planning Quantities
Hydrogen peroxide 7722-84-1 1000 Lb TPQ (concentration >52%)

Inventory status

Country(s) or region
United States & Puerto Rico
A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

On inventory (yes/no)*
Yes

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
19200-00601 - 22 fl. oz. - RESOLVE® Triple Oxi Advanced Trigger - 0247446
Issue date
30-Apr-2010
Effective date
30-Apr-2010
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.