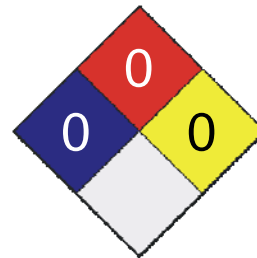


1. Product and Company Identification

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

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	/ 0
Flammability	0
Physical Hazard	0
Personal Protection	A



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
Routes of exposure Eye, Skin contact, Inhalation, Ingestion.
Eyes 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.
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.
OSHA Regulatory Status This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.
Potential environmental effects See section 12.

3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Sodium lauryl sulfate	151-21-3	3 - 5

4. First Aid Measures

First aid procedures
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.

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	Water spray. Foam. Dry chemical. Carbon dioxide.
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

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

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)	LC ₅₀
Sodium lauryl sulfate	Not available

Component analysis - Oral LD₅₀

Ingredient(s)	LD ₅₀
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

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

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

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

Section 302 extremely hazardous substance

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.

Inventory status

Inventory name

On inventory (yes/no)*

Country(s) or region

United States & Puerto Rico

Toxic Substances Control Act (TSCA) Inventory

Yes

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

Other information

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.