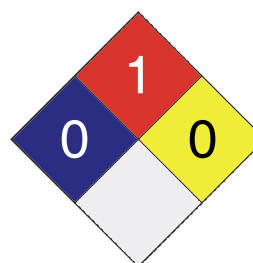


### 1. Product and Company Identification

**Product Name** RESOLVE® Pet Instant Eraser™  
**UPC CODES** Refer to Section 16  
**CAS #** Mixture  
**Product use** Carpet care  
**Distributed by** Reckitt Benckiser  
 Morris Corporate Center IV  
 399 Interpace Parkway  
 P.O. Box 225  
 Parsippany, NJ 07054-0225  
 In Case of Emergency: 1-800-228-4722  
 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	1
Physical Hazard	0
Personal Protection	B



### 2. Hazards Identification

**Emergency overview** CAUTION  
 MAY CAUSE EYE IRRITATION.  
 MAY BE HARMFUL IF SWALLOWED.  
 Contents under pressure. DO NOT spray towards face. Avoid contact with eyes and skin. CONTAINER MAY EXPLODE IF HEATED. Do not puncture or incinerate container. DO NOT expose to heat or store at temperatures above 120°F (49°C) as the container may burst.

KEEP OUT OF REACH OF CHILDREN.

**Potential short term health effects**

**Routes of exposure** Eye, Skin contact, Inhalation, Ingestion.

**Eyes** May cause eye irritation upon direct contact with eyes. (based on raw material data)

**Skin** Not a skin irritant. (based on raw material data)

**Inhalation** Not harmful. (based on raw material data)

**Ingestion** Not harmful (calculated LD50 > 5000 mg/kg)

**Target organs** Skin. Eyes.

**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. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.

### 3. Composition / Information on Ingredients

Ingredient(s)	CAS #	Percent
Isobutane	75-28-5	2.5 - 10
Propylene glycol n-propyl ether	1569-01-3	10 - 20
Alcohols, C12-16, ethoxylated	68551-12-2	1 - 2.5
Propane	74-98-6	1 - 2.5

---

## 4. First Aid Measures

---

### First aid procedures

<b>Eye contact</b>	If in eyes, IMMEDIATELY rinse eyes with water. Remove any contact lenses and continue rinsing eyes for at least 15 minutes. If irritation persists, get medical attention.
<b>Skin contact</b>	In case of skin contact, wash with soap and water. If irritation persists get immediate medical attention.
<b>Inhalation</b>	In case of accident, move the person to fresh air. Use only as directed.

**NOTE TO PARENTS:** Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Help stop inhalation abuse; for information visit [www.inhalant.org](http://www.inhalant.org).

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

### Notes to physician

Symptoms may be delayed.

### General advice

Avoid contact with eyes and skin. Keep out of reach of children. Immediate medical attention is required. 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. If you feel unwell, seek medical advice (show the label where possible).

---

## 5. Fire Fighting Measures

---

<b>Flammable properties</b>	Aerosol flame extension less than 18 inches (45 cm).
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Carbon dioxide. Water spray. Foam. Dry chemical powder.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Pressurized container may explode when exposed to heat or flame. Cool containers with flooding quantities of water until well after fire is out.
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon. Oxides of sulphur.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

---

## 6. Accidental Release Measures

---

<b>Personal precautions</b>	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.
<b>Methods for containment</b>	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data given above. Remove sources of ignition. Although the chance of a significant spill or leak is unlikely in aerosol containers, in the event of such an occurrence, absorb spilled material with a non-flammable absorbent such as sand or vermiculite.

---

## 7. Handling and Storage

---

<b>Handling</b>	<b>CAUTION</b> Contents under pressure. May cause eye irritation. <b>MAY BE HARMFUL IF SWALLOWED.</b> Avoid contact with eyes, skin and clothing.
-----------------	---

**Storage**

Keep out of reach of children.  
 Keep away from heat, sparks, and flame.  
 Do not puncture or incinerate container.  
 DO NOT expose to heat or store at temperatures above 120°F (49°C) as the container may burst.  
 Store in a cool dry place inaccessible to children and pets.

NOTE TO PARENTS: Intentional misuse by deliberately concentrating and inhaling aerosol products may be harmful or fatal. Help stop inhalation abuse; for information visit [www.inhalant.org](http://www.inhalant.org).

---

## 8. Exposure Controls / Personal Protection

---

**Exposure limits**

Ingredient(s)	Exposure Limits
Alcohols, C12-16, ethoxylated	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established
Isobutane	<b>ACGIH-TLV</b> TWA: 1000 ppm <b>OSHA-PEL</b> Not established
Propane	<b>ACGIH-TLV</b> TWA: 1000 ppm <b>OSHA-PEL</b> TWA: 1000 ppm
Propylene glycol n-propyl ether	<b>ACGIH-TLV</b> Not established <b>OSHA-PEL</b> Not established

**Engineering controls**

General ventilation normally adequate. Provide adequate ventilation.

**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**

Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.  
 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

---

<b>Appearance</b>	Clear. Liquid.
<b>Color</b>	Colorless
<b>Form</b>	Aerosol.
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not available
<b>Physical state</b>	Gas

<b>pH</b>	10.2 - 10.6 (Concentrate)
<b>Freezing point</b>	Not available
<b>Pour point</b>	Not available
<b>Boiling point</b>	Not available
<b>Flash point</b>	> 199.94 °F (> 93.3 °C) Tagliabue
<b>Evaporation rate</b>	Not available
<b>Flammability limits in air, lower, % by volume</b>	Not available
<b>Flammability limits in air, upper, % by volume</b>	Not available
<b>Vapor pressure</b>	Not available
<b>Vapor density</b>	> 1
<b>Specific gravity</b>	0.998 - 1.002
<b>Octanol/water coefficient</b>	Not available
<b>Solubility (H2O)</b>	Miscible
<b>Auto-ignition temperature</b>	Not available

---

## 10. Stability and Reactivity

---

<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Aerosol containers are unstable at temperatures above 49°C (120.2°F). DO NOT MIX WITH BLEACH or use in conjunction with other household products.
<b>Incompatible materials</b>	Acids. Caustics.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon. Oxides of sulphur.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.

---

## 11. Toxicological Information

---

### Component analysis - LC50

Ingredient(s)	LC50
Alcohols, C12-16, ethoxylated	Not available
Isobutane	658 mg/l/4h rat
Propane	Not available
Propylene glycol n-propyl ether	Not available

### Component analysis - Oral LD50

Ingredient(s)	LD50
Alcohols, C12-16, ethoxylated	1380 mg/kg rat
Isobutane	Not available
Propane	Not available
Propylene glycol n-propyl ether	2800 mg/kg rat

### Effects of acute exposure

<b>Eye</b>	May cause eye irritation upon direct contact with eyes. (based on raw material data)
<b>Skin</b>	Not a skin irritant. (based on raw material data)
<b>Inhalation</b>	Not harmful. (based on raw material data)
<b>Ingestion</b>	Not harmful (calculated LD50 > 5000 mg/kg)
<b>Sensitization</b>	The finished product is not expected to have chronic health effects.
<b>Chronic effects</b>	The finished product is not expected to have chronic health effects.
<b>Carcinogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Mutagenicity</b>	The finished product is not expected to have chronic health effects.
<b>Reproductive effects</b>	The finished product is not expected to have chronic health effects.
<b>Teratogenicity</b>	The finished product is not expected to have chronic health effects.
<b>Synergistic Materials</b>	Not available

---

## 12. Ecological Information

---

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

---

## 13. Disposal Considerations

---

<b>Waste codes</b>	Not available
<b>Disposal instructions</b>	Dispose in accordance with all applicable regulations.
<b>Waste from residues / unused products</b>	Not available
<b>Contaminated packaging</b>	Not available

---

## 14. Transport Information

---

### U.S. Department of Transportation (DOT)

UN 1950, Aerosols, Class 2.2, Re-classed as Consumer Commodity ORM-D

### Transportation of Dangerous Goods (TDG - Canada)

UN 1950, Aerosols, Class 2.2, Re-classed as Consumer Commodity/ LTD. QTY.

**IMDG (Marine Transport)**

UN 1950, Aerosols, Class 2.2, Limited Quantity

**IATA/ICAO (Air)**

UN1950, Aerosols, Non-Flammable, Class 2.2, Limited Quantity, Consumer Commodity, ID 8000 if acceptable to air carrier.

---

## 15. Regulatory Information

---

**US Federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

**Product Registration:** Not registered

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

**29 CFR 1910.1200 hazardous chemical** Yes

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

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - Yes  
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. - Massachusetts - Right To Know List**

Isobutane	75-28-5	Present
Propane	74-98-6	Present

**U.S. - Minnesota - Hazardous Substance List**

Propane	74-98-6	Simple asphyxiant
---------	---------	-------------------

**U.S. - New Jersey - Right to Know Hazardous Substance List**

Isobutane	75-28-5	sn 1040
Propane	74-98-6	sn 1594

**U.S. - Pennsylvania - RTK (Right to Know) List**

Isobutane	75-28-5	Present
Propane	74-98-6	Present

**U.S. - Rhode Island - Hazardous Substance List**

Propane	74-98-6	Toxic; Flammable
---------	---------	------------------

**Inventory status**

Country(s) or region	Inventory name	On inventory (yes/no)*
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**

19200-75892 - 14 oz. - RESOLVE® Pet INSTANT ERASER™ - 0134339

**Issue date**

07-May-2010

**Effective date**

01-May-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.