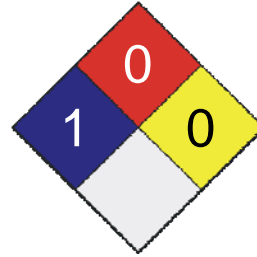


1. Product and Company Identification

Product Name RESOLVE® Pet Deep Clean Powder
UPC CODES Refer to Section 16
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: 1-800-228-4722
 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	/ 1
Flammability	0
Physical Hazard	0
Personal Protection	B



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, Ingestion.
Eyes Mild eye irritant for prolonged contact.
Skin Not a skin irritant.
 Not expected to be a skin sensitizer.
Inhalation None expected during normal conditions of use.
Ingestion None expected during normal conditions of use.

Target organs Eyes. 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

Ingredient(s)	CAS #	Percent
Cellulose	9004-34-6	30 - 60
Sodium sulfate	7757-82-6	2.5 - 10
Dipropylene glycol n-propyl ether	29911-27-1	1 - 2.5
Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts	68585-47-7	< 1
1,2-Benzisothiazolin-3-one	2634-33-5	< 0.1
2-Methyl-4-isothiazolin-3-one	2682-20-4	< 0.1

4. First Aid Measures

First aid procedures

Eye contact	If in eyes, IMMEDIATELY rinse with plenty of water. Remove contact lenses and continue to rinse eyes for at least 15 minutes. If irritation occurs, get medical attention.
Skin contact	In case of skin contact, wash with soap and water. If irritation persists, get medical attention.
Inhalation	Very unlikely under normal conditions of use. In case of accident, move the person to fresh air. If the individual feels unwell seek medical advice immediately. Use only as directed.
Ingestion	If swallowed, rinse mouth and drink a glass of water. Call a Poison Control Centre or doctor 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 Treat for surrounding material.

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 sulphur.

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

Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up

Before attempting clean up, refer to hazard data given above. Use broom or dry vacuum to collect material for proper disposal without raising dust. Rinse area with water. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

7. Handling and Storage

Handling

Do not get this material in contact with skin or eyes.
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 a cool dry place inaccessible to children and pets.

8. Exposure Controls / Personal Protection

Exposure limits

Ingredient(s)	Exposure Limits
1,2-Benzisothiazolin-3-one	ACGIH-TLV Not established OSHA-PEL Not established
2-Methyl-4-isothiazolin-3-one	ACGIH-TLV Not established OSHA-PEL Not established
Cellulose	ACGIH-TLV TWA: 10 mg/m ³ OSHA-PEL TWA: 15 mg/m ³
Dipropylene glycol n-propyl ether	ACGIH-TLV Not established OSHA-PEL Not established
Sodium sulfate	ACGIH-TLV Not established OSHA-PEL Not established
Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts	ACGIH-TLV Not established OSHA-PEL Not established

Engineering controls

General ventilation normally adequate.

Personal protective equipment

Eye / face protection

Wear safety glasses with side shields.
Emergency responders should wear full eye and face protection.

Hand protection

Rubber gloves. Confirm with a reputable supplier first.
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 if good ventilation is maintained.
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of airborne particles (dust) 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. Wash hands before breaks and immediately after handling the product.

9. Physical and Chemical Properties

Appearance	Powder
Color	White.
Form	wetted powder
Odor	Characteristic
Odor threshold	Not available
Physical state	Solid
pH	8 - 9 (10% solution)
Freezing point	Not available

Pour point	Not available
Boiling point	Not available
Flash point	Not applicable
Evaporation rate	Not available
Flammability limits in air, lower, % by volume	Not applicable
Flammability limits in air, upper, % by volume	Not applicable
Vapor pressure	Not available
Vapor density	Not available
Specific gravity	410 ± 30 G/L
Octanol/water coefficient	Not available
Solubility (H2O)	high
Auto-ignition temperature	Not available
Viscosity	Not applicable

10. Stability and Reactivity

Chemical stability	Stable under recommended storage conditions.
Conditions to avoid	Do not mix with other chemicals.
Incompatible materials	Acids. Oxidizers.
Hazardous decomposition products	May include and are not limited to: Oxides of carbon. Oxides of sulphur.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. Toxicological Information

Component analysis - LC50

Ingredient(s)	LC50
1,2-Benzisothiazolin-3-one	Not available
2-Methyl-4-isothiazolin-3-one	1.4 mg/l/4h rat
Cellulose	Not available
Dipropylene glycol n-propyl ether	Not available
Sodium sulfate	Not available
Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts	Not available

Component analysis - Oral LD50

Ingredient(s)	LD50
1,2-Benzisothiazolin-3-one	1020 mg/kg rat
2-Methyl-4-isothiazolin-3-one	457 mg/kg rat
Cellulose	5000 mg/kg rat
Dipropylene glycol n-propyl ether	2000 mg/kg rat
Sodium sulfate	10000 mg/kg rat; 5989 mg/kg mouse
Sulfuric acid, mono-C10-C16 alkyl esters, sodium salts	1300 mg/kg rat

Effects of acute exposure

Eye	Mild eye irritant for prolonged contact.
Skin	Not a skin irritant. Not expected to be a skin sensitizer.
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.
Synergistic Materials Not available

12. Ecological Information

Ecotoxicity See below

Ecotoxicity - Freshwater Fish Species Data

Sodium sulfate	7757-82-6	96 Hr LC50 Pimephales promelas: 13500 - 14500 mg/L; 96 Hr LC50 Pimephales promelas: >6800 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 3040 - 4380 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 13500 mg/L
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Ecotoxicity - Water Flea Data

Sodium sulfate	7757-82-6	96 Hr EC50 Daphnia magna: 630 mg/L; 48 Hr EC50 Daphnia magna: 2564 mg/L
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Environmental effects Not available
Aquatic toxicity Not available
Persistence / degradability Not available
Bioaccumulation / accumulation Not available
Partition coefficient Not available
Mobility in environmental media Not available
Chemical fate information 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

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 - No
Delayed Hazard - Yes
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. - Massachusetts - Right To Know List

Cellulose	9004-34-6	Present
Sodium sulfate	7757-82-6	Present

U.S. - Minnesota - Hazardous Substance List

Cellulose	9004-34-6	Present (dust, paper fiber)
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U.S. - New Jersey - Right to Know Hazardous Substance List

Cellulose	9004-34-6	sn 3227
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U.S. - Pennsylvania - RTK (Right to Know) List

Cellulose	9004-34-6	Present
Sodium sulfate	7757-82-6	Environmental hazard

U.S. - Rhode Island - Hazardous Substance List

Cellulose	9004-34-6	Toxic
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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

19200-82652 - 18 oz. - RESOLVE® Pet Deep Clean Powder - 0215815

Issue date

11-Jun-2010

Effective date

15-Jun-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.