

**SAFETY DATA SHEET**  
according to 1907/2006/EC, Article 31

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**Microburst Radiant Sense**

Revision 14

Revision date 2013-01-23

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

<b>Product name</b>	Microburst Radiant Sense
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**1.2. Relevant identified uses of the substance or mixture and uses advised against**

<b>Product Use</b>	[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC3] Air care products;
<b>Description</b>	Metered aerosols - Air Neutralizers.

**1.3. Details of the supplier of the safety data sheet**

<b>Company</b>	Rubbermaid Commercial Products LLC
<b>Address</b>	Newell Rubbermaid Europe Sàrl Chemin de Blandonnet 10 CH-1214 Vernier / Geneva / Switzerland
<b>Web</b>	www.rubbermaid.eu/contact
<b>Telephone</b>	+44 (0)8705 686 824
<b>Fax</b>	+44 (0)2030 279 352
<b>Email</b>	sds.CommercialProducts@newellco.com

**Local Supplier**

<b>Company</b>	Newell Poland Services Sp. z o. o.
<b>Address</b>	2 Ul. Wybickiego Manieczki Brodnica 63-112 Poland
<b>Web</b>	www.rubbermaid.eu/contact
<b>Telephone</b>	+44 (0)8705 686 824
<b>Fax</b>	+44 (0)2030 279 352

**1.4. Emergency telephone number**

<b>Emergency telephone number</b>	+44 (0)8705 686 824  Monday till Friday (08:30 - 17:00)
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**Intended use**

	Fragranced metered aerosol space sprays designed for use in proprietary automated dispensers.
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**Further information**

<b>Informing Department</b>	Technical Services Department.
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**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**


<b>2.1.1. Classification - 1999/45/EC</b>	F+; R12 Symbols: F+: Extremely flammable.
<b>Main hazards</b>	Extremely flammable.

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## 2.2. Label elements

<b>Symbols</b>	The product is classified in accordance with 67/548/EEC.
	For professional use only. F+: Extremely flammable.
<b>Risk phrases</b> <b>Safety phrases</b>	
	R12 - Extremely flammable.
<b>Precautionary Phrases</b>	.
	S2 - Keep out of the reach of children. S16 - Keep away from sources of ignition - No smoking. S23 - Do not breathe gas/fumes/vapour/spray. S51 - Use only in well-ventilated areas.
<b>Further information</b>	P10 - Contains tetramethyl acetyloctahydronaphthalenes, 2,4-dimethyl-3-cyclohexene carboxaldehyde. May produce an allergic reaction.
<b>Classification system</b>	For mixtures, classification is in compliance with Regulation (EC) 1999/45. The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## SECTION 3: Composition/information on ingredients

## 3.2. Mixtures

## 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Isobutane	601-004-00-0	75-28-5	200-857-2		40 - 50%	F+; R12
Propane	601-003-00-5	74-98-6	200-827-9		10 - 20%	F+; R12
Ethanol	603-002-00-5	64-17-5	200-578-6		10 - 20%	F; R11
Isopropanol (Propan-2-ol)	603-117-00-0	67-63-0	200-661-7		1 - 10%	F; R11 Xi; R36 R67
4-Tertiary-butylcyclohexyl acetate		32210-23-4	250-954-9		< 1%	N; R51/53
2-Tertiary-butylcyclohexyl acetate		88-41-5	201-828-7		< 1%	N; R51/53
tetramethyl Acetyloctahydronaphthalenes		54464-57-2	259-174-3		< 1%	Xi; R43 N; R51/53
2,4-Dimethyl-3-cyclohexene carboxaldehyde		68039-49-6	268-264-1		< 1%	Xi; R36/38-43 R52/53
Diphenyl Ether (Diphenyl ether (vapour))		101-84-8	202-981-2		< 1%	N; R51/53

## Further information

Regulation (EU) 453/2010 - Substances in compliance with Regulation (EC) 1272/2008. Isobutane - Flam. Gas 1: H220; GHS02; GHS04;. Propane - Flam. Gas 1: H220; GHS02; GHS04;. Ethanol - Flam. Liq. 2: H225; GHS02;. Isopropanol - Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; GHS07; GHS02;. 4-Tertiary-butylcyclohexyl acetate - Aquatic Chronic 2: H411; GHS09;. 2-Tertiary-butylcyclohexyl acetate - Aquatic Chronic 2: H411; GHS09;. Tetramethyl acetyloctahydronaphthalenes - Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquat. Chronic 2: H411; GHS07; GHS09;. 2,4-Dimethyl-3-cyclohexene carboxaldehyde - Skin Irrit. 2: H315; Eye Irrit. 2: H319; Skin Sens. 1: H317; Aquatic Chronic 3: H412; GHS07;.
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<b>Further information</b>	
<b>Additional Information:</b> <b>Description</b>	Diphenyl ether (Diphenyl ether (vapour)) - Aquatic Chronic 2: H411; GHS07;
	Full text for all Risk Phrases mentioned in this section are displayed in Section 16.
	Mixture of organic solvents, perfume and propane/iso-butane (propellant).

**SECTION 4: First aid measures****4.1. Description of first aid measures**

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
<b>Skin contact</b>	Wash off immediately with plenty of soap and water.
<b>Ingestion</b>	Rinse mouth thoroughly. DO NOT INDUCE VOMITING.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Inhalation</b>	May cause dizziness and headache.
<b>Eye contact</b>	May cause irritation to eyes.
<b>Skin contact</b>	May cause irritation to skin.

**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Inhalation</b>	If you feel unwell, seek medical advice (show the label where possible).
<b>Eye contact</b>	Seek medical attention.
<b>Skin contact</b>	Seek medical attention if irritation or symptoms persist.

<b>Further information</b>	
	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

	Carbon dioxide (CO2). Alcohol resistant foam. Do NOT use water jet.
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**5.2. Special hazards arising from the substance or mixture**

	Extremely flammable aerosol. Carbon oxides. Carbon dioxide (CO2).
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**5.3. Advice for firefighters**

	Wear suitable respiratory equipment when necessary.
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<b>Further information</b>	
	Cool fire exposed containers with waterspray.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

	Wear suitable protective equipment. Evacuate personnel to a safe area.
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**6.2. Environmental precautions**

	No environmental requirements.
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**6.3. Methods and material for containment and cleaning up**

	Ensure adequate ventilation. Absorb liquid components with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).
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**6.4. Reference to other sections**

	See section 8 + 13 for further information.
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**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

	Wear suitable protective equipment.
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**7.2. Conditions for safe storage, including any incompatibilities**

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## 7.2. Conditions for safe storage, including any incompatibilities

	Ensure adequate ventilation of the working area. Keep in a cool, dry, well ventilated area. Heat will increase pressure in sealed containers. Keep away from sources of ignition - No smoking. Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Do not store with strong oxidising agents, Strong acids. Protect from heat and direct sunlight. Observe official regulations on storing packagings with pressurised containers.
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## 7.3. Specific end use(s)

	Air care products.
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## SECTION 8: Exposure controls/personal protection

## 8.1. Control parameters

## 8.1.1. Exposure Limit Values

Diphenyl Ether (Diphenyl ether (vapour))	WEL 8-hr limit ppm: 1	WEL 8-hr limit mg/m3: 7.1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Ethanol	WEL 8-hr limit ppm: 1000	WEL 8-hr limit mg/m3: 1920
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: -
Isopropanol (Propan-2-ol)	WEL 8-hr limit ppm: 400	WEL 8-hr limit mg/m3: 999
	WEL 15 min limit ppm: 500	WEL 15 min limit mg/m3: 1250

## 8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	Avoid contact with eyes.
Skin protection - Handprotection	Wash hands after handling the product.
Respiratory protection	Not normally required.

## Further information

Additional Information:	Wash hands during breaks and at the end of the work.
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## SECTION 9: Physical and chemical properties

## 9.1. Information on basic physical and chemical properties

State	Aerosol
Colour	According to Product specification.
Odour	Characteristic
Vapour pressure	3.5 - 4.5 bar
Relative density	0.619 - 0.645
Explosive	1.8 - 19.0 Vol %

## SECTION 10: Stability and reactivity

## 10.1. Reactivity

	Stable under normal conditions.
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## 10.2. Chemical stability

	Will not decompose if stored and used as recommended.
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## 10.3. Possibility of hazardous reactions

	Strong oxidising agents.
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## 10.4. Conditions to avoid

Store at temperatures above 50 °C. Heat, sparks and open flames.

## 10.5. Incompatible materials

No data available.

## 10.6. Hazardous decomposition products

Carbon oxides. Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: Toxicological information

## 11.1. Information on toxicological effects

## Skin corrosion/irritation

May cause irritation to skin. May cause allergic reactions in susceptible people.

## 11.1.4. Toxicological Information

Ethanol	Oral Rat LD50: 6200 - 17800 mg/kg	
Isopropanol	Inhalation Rat LC50/4 h: >20 mg/l Dermal Rabbit LD50: >5000 mg/kg	Oral Rat LD50: >5000 mg/kg

## SECTION 12: Ecological information

## 12.1. Toxicity

Ethanol	Algae IC50/72h: 5000 mg/l	Fish LC50/96h: 11400 mg/l
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No data is available on this product.

## 12.2. Persistence and degradability

Evaporates readily.

## 12.3. Bioaccumulative potential

Does not bioaccumulate.

## 12.4. Mobility in soil

Evaporates readily.

## 12.5. Results of PBT and vPvB assessment

No data is available on this product.

## 12.6. Other adverse effects

No data available.

## Further information

Do not allow product to enter drains.

## SECTION 13: Disposal considerations

## General information

Dispose of in compliance with all local and national regulations.

## Disposal methods

Contact a licensed waste disposal company.

## Disposal of packaging

Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

## SECTION 14: Transport information

## Hazard pictograms



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<b>14.1. UN number</b>	
	UN1950
<b>14.2. UN proper shipping name</b>	
	AEROSOLS
<b>14.3. Transport hazard class(es)</b>	
ADR/RID	2
Subsidiary risk	see SP63
IMDG	2
Subsidiary risk	see SP63
IATA	2
Subsidiary risk	see SP63
<b>14.4. Packing group</b>	
Packing group	-
<b>14.5. Environmental hazards</b>	
Environmental hazards	No
Marine pollutant	No
<b>ADR/RID</b>	
Hazard ID	-
Tunnel Category	(D)
<b>IMDG</b>	
EmS Code	F-D S-U
<b>IATA</b>	
Packing Instruction (Cargo)	203
Maximum quantity	150 kg
Packing Instruction (Passenger)	203
Maximum quantity	75 kg
<b>Further information</b>	
Remarks	ADR - Goods are classified as "Limited Quantities" and are therefore exempt from ADR regulations. Check local legislation for domestic transport.
Remarks	IMDG - Goods are classified as "Limited Quantities" and are therefore exempt from IMDG regulations. Check local regulation for domestic transport.
Remarks	"Limited Quantity".

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>Regulations</b>	<p>Aerosol product is manufactured in compliance with Commission Directive 2008/47/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC,</p>
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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

93/67/EEC, 93/105/EC and 2000/21/EC.

## 15.2. Chemical safety assessment

No data is available on this product.

## Further information

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

## SECTION 16: Other information

### Other information

#### Revision

This document differs from the previous version in the following areas:.

- 3 - Further information.
- 4 - Skin contact.
- 4 - Skin contact.
- 9 - 9.1. Information on basic physical and chemical properties (Relative density).
- 11 - Respiratory or skin sensitisation.
- 15 - Precautionary Phrases.
- 16 - General information.

#### Data sources

Raw Material Data Sheets.  
Exposure limits.

#### Text of risk phrases in Section 3

R11 - Highly flammable.  
R12 - Extremely flammable.  
R36/38 - Irritating to eyes and skin.  
R36 - Irritating to eyes.  
R43 - May cause sensitisation by skin contact.  
R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67 - Vapours may cause drowsiness and dizziness.

### General information

Additional information in compliance with Regulation (EC) 1272/2008.

- H220 - Extremely flammable gas.
- H225 - Highly flammable liquid and vapour.
- H315 - Causes skin irritation.
- H317 - May cause an allergic skin reaction.
- H319 - Causes serious eye irritation.
- H336 - May cause drowsiness or dizziness.
- H411 - Toxic to aquatic life with long lasting effects.
- H412 - Harmful to aquatic life with long lasting effects.

### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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### Informing Department

Technical Services Department.