

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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SWAK Natural Insecticide Aerosol

Revision 13

Revision date 2013-01-31

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

1.1. Product identifier

Product name SWAK Natural Insecticide Aerosol

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product Use [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); [PC8] Biocidal products (e.g. Disinfectants, pest control);

Description Metered aerosols - Air Neutralizers.

1.3. Details of the supplier of the safety data sheet

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

Local Supplier

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

1.4. Emergency telephone number

Emergency telephone number +44 (0)8705 686 824

Monday till Friday (08:30 - 17:00)

Intended use

Metered aerosol insecticide space sprays designed for use in proprietary automated dispensers.

Further information

Informing Department Technical Services Department.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC F+; R12 N; R51/53 R67
Symbols: F+: Extremely flammable. N: Dangerous for the environment.

Main hazards Extremely flammable. Toxic to aquatic organisms, may cause long-term adverse effects in the

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2.1. Classification of the substance or mixture

aquatic environment. Vapours may cause drowsiness and dizziness.

2.2. Label elements

Symbols

F+: Extremely flammable. N: Dangerous for the environment.



Risk phrases

R12 - Extremely flammable.
 R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
 R67 - Vapours may cause drowsiness and dizziness.

Safety phrases

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.
 S29 - Do not empty into drains.
 S51 - Use only in well-ventilated areas.

Further information

Classification system

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		20 - 30%	F+; R12
Acetone	606-001-00-8	67-64-1	200-662-2		10 - 20%	F; R11 Xi; R36 R66 R67
Piperonyl Butoxide		51-03-6	200-076-7		10 - 20%	N; R50/53
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane			921-024-6		1 - 10%	F; R11 Xn; R65 Xi; R38 N; R51/53 R67
Pyrethrins (Pyrethrum)		8003-34-7	232-319-8		< 1%	Xn; R20/21/22 N; R50/53

Further information

	Regulation (EU) 453/2012 - Substances in compliance with Regulation (EC) 1272/2008. Isobutane - Flam. Gas 1: H220; GHS02; GHS04; Propane - Flam. Gas 1: H220; GHS02; GHS04; Acetone - Flam. Liq. 2: H225; STOT SE 3: H336; (EUH066); Eye Irrit. 2: H319; GHS07; GHS02; Piperonyl Butoxide - Aquatic Chronic 1: H410; GHS09; Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane - Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411; GHS02; GHS08; GHS07; GHS09; Pyrethrins (Pyrethrum) - Acute Tox. 4: H302; Acute Tox. 4: H312; Acute Tox. 4: H332; Aquatic Chronic 1: H410; GHS07; GHS09;.
Additional Information:	Full text for all Risk Phrases mentioned in this section are displayed in Section 16.
Description	Mixture of organic solvents, insecticides and propane/iso-butane (propellant).

SECTION 4: First aid measures

4.1. Description of first aid measures

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4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
Skin contact	Wash all contaminated clothing before reuse. Wash off immediately with plenty of soap and water.
Ingestion	Rinse mouth thoroughly. DO NOT INDUCE VOMITING.

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

Inhalation	May cause dizziness and headache.
Eye contact	May cause irritation to eyes.

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

Inhalation	If you feel unwell, seek medical advice (show the label where possible).
Eye contact	Seek medical attention.

Further information

	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
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SECTION 5: Firefighting measures

5.1. Extinguishing media

	Carbon dioxide (CO ₂). 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 may be formed in fire conditions.
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5.3. Advice for firefighters

	Wear suitable protective clothing. Wear suitable protective equipment.
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Further information

	Cool fire exposed containers with waterspray.
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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

	Do not allow product to enter drains. Do not flush into surface water. Do not let product contaminate subsoil. Advise local authorities if large spills cannot be contained.
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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

	<p>Ensure adequate ventilation of the working area.</p> <p>Keep in a cool, dry, well ventilated area.</p> <p>Heat will increase pressure in sealed containers.</p> <p>Keep away from sources of ignition - No smoking.</p> <p>Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.</p> <p>Do not pierce or burn, even after use. Do not spray on naked flame or any other incandescent material.</p>
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7.2. Conditions for safe storage, including any incompatibilities

Do not store with strong oxidising agents. Strong acids.
Protect from heat and direct sunlight.
Observe official regulations on storing packagings with pressurised containers.

7.3. Specific end use(s)

Air care products.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Propane - Listed as an asphyxiant with no limit set.

8.1.1. Exposure Limit Values

Acetone	WEL 8-hr limit ppm: 500	WEL 8-hr limit mg/m3: 1210
	WEL 15 min limit ppm: 1500	WEL 15 min limit mg/m3: 3620
Pyrethrins (Pyrethrum)	WEL 8-hr limit ppm: -	WEL 8-hr limit mg/m3: 1
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m3: 10

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area. The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
8.2.2. Individual protection measures	Not required when used as directed.
Eye / face protection	Not required when used as directed.
Skin protection - Handprotection	Not required when used as directed. Wash hands after handling the product.
Respiratory protection	Not required, but ensure adequate ventilation when using the product.
8.2.3. Environmental exposure controls	Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
Occupational exposure controls	Wash hands during breaks and at the end of the work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Aerosol
Colour	According to Product specification.
Odour	Characteristic
Upper Explosive Limit	13 %
Lower Explosive Limit	0.6 %
Vapour pressure	± 500000 Pa
Relative density	0.63 - 0.642
Solubility	Slightly miscible in water

SECTION 10: Stability and reactivity

10.2. Chemical stability

Will not decompose if stored and used as recommended.

10.3. Possibility of hazardous reactions

Strong oxidising agents. Strong acids.

10.4. Conditions to avoid

Keep away from sources of ignition - No smoking.
Protect from heat and direct sunlight.

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10.4. Conditions to avoid

Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50 °C.

10.6. Hazardous decomposition products

Carbon oxides may be formed in fire conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	No data is available on this product.
Skin corrosion/irritation	Irritation may be possible.
Serious eye damage/irritation	Irritation may be possible.

11.1.4. Toxicological Information

Piperonyl Butoxide	Inhalation Rat LC50/4 h: 5.9 Dermal Rabbit LD50: 2000	Oral Rat LD50: 4570
Pyrethrins	Inhalation Rat LC50/4 h: 3.4 Oral Rat LD50: 1030	Dermal Rat LD50: 2000 Dermal Rabbit LD50: 2000

SECTION 12: Ecological information

12.1. Toxicity

Piperonyl Butoxide	Daphnia EC50/48h: 0.51 mg/l Fish LC50/96h: 3.94 mg/l Daphnia LC50/48h: 0.51 Quail LC50/8 days: 2250	Algae IC50/72h: 2.09 mg/l Algae EC50/72h: 2.09 Sheephead minnows LC50/96h: 3.94
Pyrethrins	Daphnia EC50/48h: 0.0125 mg/l	Fish LC50/96h: 0.0052 mg/l

Further information

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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

Containers must be recycled in compliance with national legislation and environmental regulations. Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

Hazard pictograms



14.1. UN number

UN1950

14.2. UN proper shipping name

AEROSOLS

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14.3. Transport hazard class(es)

ADR/RID	2
Subsidiary risk	see SP63
IMDG	2
Subsidiary risk	see SP63
IATA	2
Subsidiary risk	see SP63

14.4. Packing group

Packing group	-
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14.5. Environmental hazards

Environmental hazards	Yes
Marine pollutant	Yes

ADR/RID

Hazard ID	-
Tunnel Category	(D)

IMDG

EmS Code	F-D S-U
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IATA

Packing Instruction (Cargo)	203
Maximum quantity	150 kg
Packing Instruction (Passenger)	203
Maximum quantity	75 kg

Further information

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

Regulations	Aerosol product is manufactured in compliance with Commission Directive 2008/47/EC.
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15.2. Chemical safety assessment

	Environmental hazard assessment. Human health hazard assessment of physicochemical properties. Human health hazard assessment.
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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. Read label before use. Obtain special instructions before use.
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SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:. 1 - Description. 1 - Intended use. 1 - Informing Department.
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Other information	
	2 - Classification system. 4 - Skin contact. 4 - Eye contact. 4 - Inhalation. 4 - Ingestion. 4 - Eye contact. 4 - Eye contact. 4 - Further information. 5 - 5.2. Special hazards arising from the substance or mixture. 6 - 6.4. Reference to other sections. 7 - 7.3. Specific end use(s). 8 - 8.2.3. Environmental exposure controls. 14 - IMDG. 15 - 15.2. Chemical safety assessment.
Data sources	Raw Material Data Sheets. EH40/2005 Occupational Exposure limits (UK).
Text of risk phrases in Section 3	R11 - Highly flammable. R12 - Extremely flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R36 - Irritating to eyes. R38 - Irritating to skin. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65 - Harmful: may cause lung damage if swallowed. R66 - Repeated exposure may cause skin dryness or cracking. 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. H302 - Harmful if swallowed. H304 - May be fatal if swallowed and enters airways. H312 - Harmful in contact with skin. H315 - Causes skin irritation. H319 - Causes serious eye irritation. H332 - Harmful if inhaled. H336 - May cause drowsiness or dizziness. H410 - Very toxic to aquatic life with long lasting effects. H411 - Toxic to aquatic life with long lasting effects. EUH066 - Repeated exposure may cause skin dryness or cracking.
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. *.
Informing Department	Technical Services Department.