

**MATERIAL SAFETY DATA SHEET**  
 ACCORDING TO 1907/2006/EC, article 31  
 ISSUING DATE: February 2011

**SECTION 1 - IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING**

**Product Details.**

**Trade Name:** SCA  
Air Fresh metered aerosols  
**Fragrance:** Floral.

**Use:** Fragranced metered aerosol space sprays designed for use in proprietary automated dispensers.

**Supplier:** SCA HYGIENE PRODUCTS  
 Bäckstengatan 5,  
 40503 Göteborg  
 Sweden  
  
 Tel: +46 - (0) 31 - 746 0000

**Manufacturer:** Technical Concepts International Ltd.,  
 Halifax Ave, Fradley Park.  
 Lichfield, Staffs, WE13 8SS. UK  
  
 Tel: UK: +44 2030 279 050 EU: +44 2030 279 353  
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 Web: www.rubbermaid.eu  
 email: sds.technical-concepts@newellco.com

**Informing Department:** Technical Services Department

**SECTION 2 - COMPOSITION/DATA ON COMPONENTS**

**Chemical Characterisation**

**Description:** Mixture of organic solvents, perfume and propane/iso-butane (propellant)

**Dangerous Components:**

Designation	CAS No.	EC No.	Symbol	R-Phrases	%
Propan-2-ol	67-63-0	200-661-7	Xi, F	11-36-67	5 – 10
Ethanol	64-17-5	200-578-6	F	11	10 – 15
1,1,6,7-Tetramethyl-6-acetyldecalene	54464-57-2	259-174-3	N	51/53	< 1
Diphenyl ether	101-84-8	202-981-2	Xi, N	36/37/38-51/53	< 1
2,4-Dimethyl cyclohex-3-ene-1-carboxaldehyde	68039-49-6	268-264-1	Xi	36/38-43-52/53	< 1
Hexyl Cinnamal	101-86-0	202-983-3	Xi	43	< 1
Hydroxycitronellal	107-75-5	203-518-7	Xi	36-43	< 1

**Additional information** For the wording of the listed risk phrases refer to section 16.

**SECTION 3 - HAZARDS IDENTIFICATION**

**Hazard Designation:** F+ Extremely flammable

**Information pertaining to particular dangers for man and environment:** R12 Extremely flammable

**Classification System** 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.

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#### **SECTION 4 - FIRST AID MEASURES**

**After inhalation** Supply fresh air, consult a doctor if symptoms develop.

**After skin contact** Remove soaked clothing and launder before reuse. Wash skin with water and soap. If symptoms develop or persist, consult a doctor.

**After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing** Rinse mouth. DO NOT INDUCE VOMITING. Consult a doctor.

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#### **SECTION 5 - FIRE FIGHTING MEASURES**

**Suitable Extinguishing Agents:** CO<sub>2</sub>, extinguishing powder or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water jet.

**Special hazards caused by the material, its products of combustion or flue gases:** In case of fire CO may be possible.

**Protective Equipment:** Wear protective clothing/equipment when fighting fires

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#### **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

**Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

**Measures for environmental protection:** No special measures required.

**Measures for cleaning/collecting:** Ensure adequate ventilation. Absorb liquid components with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).

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#### **SECTION 7 - HANDLING AND STORAGE**

##### **Handling**

**Information for safe handling:** Ensure good ventilation/exhaustion at the workplace.

**Information about protection against explosions and fires:** Keep ignition sources away - Do not smoke.  
Beware: Container is pressurised. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire, even after use.  
Do not spray on flames or red-hot objects

##### **Storage**

**Requirements to be met by storerooms and containers:** Store in cool location  
Observe official regulations on storing packagings with pressurised containers.

**Information about storage in one common storage facility:** Do not store together with strong acids and strong oxidising agents.

**Further information about storage conditions:** Protect from heat and direct sunlight.

**SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Additional information about design of technical systems:** No further data; see item 7.

**Components with critical values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:**

WEL - Values: EH40(2005)			
Ethanol	OES	8hr TWA -	1000 ppm (1920 mg/m <sup>3</sup> )
Isopropanol	OES	8hr TWA -	400 ppm (999 mg/m <sup>3</sup> )
		15min STEL	500 ppm (1250 mg/m <sup>3</sup> )
Propane			Listed as an asphyxiant with no limit set

**Personal protective equipment**

**General protective and hygienic measures:** Wash hands during breaks and at the end of the work.

**Breathing equipment:** Not required, but ensure adequate ventilation when using the product.

**Protection of hands:** Not required when used as directed.

**Eye protection:** Not required when used as directed.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

**Form:** Aerosol

**Colour:** According to Product specification.

**Smell:** Perfume

<u>Value/Range</u>	<u>Unit</u>	<u>Method</u>
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**Change in condition**

**Melting point/Melting range:** Not applicable, as aerosol

**Boiling point/Boiling range:** Not applicable, as aerosol

**Flash point:** Not applicable, as aerosol

**Self-flammability:** Product is not self-igniting.

**Danger of explosion:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.

**Critical values for explosion:**

<b>Lower:</b>	1.8	Vol %
<b>Upper:</b>	19.0	Vol %
<b>Vapour pressure:</b>	at 20°C 4.0 ± 0.5	bar
<b>Density:</b>	at 20°C 0.619 - 0.645	g/cm <sup>3</sup>
<b>Solubility in/Miscibility with Water:</b>	Partly miscible	

**SECTION 10 - STABILITY AND REACTIVITY**

<b>Thermal decomposition/ conditions to be avoided:</b>	No decomposition if used according to instructions.
<b>Dangerous reactions:</b>	No dangerous reactions known.
<b>Materials to be avoided:</b>	Oxidising agents and strong acids.
<b>Dangerous products of decomposition:</b>	In case of fire CO may be possible.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

<b>Acute toxicity:</b>	
<b>Primary irritant effect:</b>	
<b>On the skin:</b>	Irritation may be possible.
<b>On the eye:</b>	Irritation may be possible.

**SECTION 12 - ECOLOGICAL INFORMATION**

<b>General notes:</b>	Water hazard class 1 (Self-assessment): slightly hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
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**SECTION 13 - DISPOSAL CONSIDERATIONS**

<b>Product:</b>	
<b>Recommendation:</b>	Disposal must be made according to local regulations or via a licensed waste contractor.
<b>Uncleaned packagings:</b>	
<b>Recommendation:</b>	Disposal must be made according to local regulations or via a licensed waste contractor.

**SECTION 14 - TRANSPORT INFORMATION**

**Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**

<b>ADR/RID Class:</b>	2
<b>UN Number:</b>	1950
<b>Correct technical name:</b>	Aerosols (Flammable)
<b>Label:</b>	Diamond shaped, framed
<b>Remarks:</b>	UN 1950 AEROSOLS should be placed inside the diamond shaped label. Goods are classed as "Limited Quantities" and are therefore exempt from ADR regulations. Check local local legislation for domestic transport.

**Maritime transport IMDG/GGVSea**

**IMDG/GGVSea Class:** 2  
**UN Number:** 1950  
**EMS Number:** F-D, S-U  
**Marine Pollutant** No  
**Correct technical name:** Aerosols  
**Remarks** “Limited Quantity”  
AEROSOLS is required according to IMDG regulations

**Air transport ICAO-TI and IATA-DGR**

**ICAO/IATA Class:** 2.1  
**UN/ID Number:** 1950  
**Correct Technical Name:** Aerosols, flammable  
**Remarks:** “Limited Quantity”

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**SECTION 15 - REGULATORY INFORMATION**

**Designation according to EC Guidelines:** The product has been labelled in accordance with EC Directives/relevant national laws.

For professional use only

**Code letter and hazard designation of product:** F+ Extremely flammable.

**Risk phrases:** 12 Extremely flammable.

**Safety phrases:** 2 Keep out of reach of children.  
16 Keep away from sources of ignition - No smoking.  
23 Do not breathe spray.  
51 Use only in well-ventilated areas.

**Special label phrase:** Contains 2,4-Dimethyl cyclohex-3-ene-1-carboxaldehyde, Hexyl cinnamal and Hydroxycitronellal. May cause an allergic reaction.

**National regulations:**

**Special designation of certain preparations:**

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.

**Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

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**SECTION 16 - OTHER INFORMATION****R-phrases used in document:**

R11 Highly flammable  
R12 Extremely flammable  
R36 Irritating to eyes  
R38 Irritating to skin  
R36/37/38 Irritating to eyes, respiratory system and skin  
R43 May cause sensitisation by skin contact.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment  
R67 Vapours may cause drowsiness and dizziness

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Department issuing data specification sheet:** Technical Services Department.

**Contact:** Mr. K. Anderson

**Sources:** Raw material Safety Data sheets  
EH40/2005 Occupational Exposure limits (UK)

Revision data: Rev 9

Rev. 5 - Changes to Section 2

Rev. 6 – Changes to Sections 2, 15 and 16

Rev. 7 – Changes to Section 14

Rev. 8 – Changes to Section 8 & 16

Rev. 9 – Changes to Section 1, 3 and changes inline with 1907/2006/EC, article 31 (marked †)

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Print date: