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: Citrus.

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
Fax: UK: +44 2030 279 352 EU: +44 2030 279 354
Web: www.rubbermaid.eu
email: sds.technical-concepts@newellco.com

Informing Department: Technical Services Department

SECTION 2 - 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.

SECTION 3 - 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
Citronellol	106-22-9	203-375-0	Xi, N	38-43-51/53	< 1
2,4-Dimethyl cyclohex-3-ene-1-carboxaldehyde	68039-49-6	268-264-1	Xi	36/38-43-52/53	< 1
Geraniol	106-24-1	203-377-1	Xi	38-43	< 1

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

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.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable Extinguishing Agents: CO_2, 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

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).

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^3)
	Isopropanol	OES	8hr TWA -	400 ppm (999 mg/m^3)
			15min STEL	500 ppm (1250 mg/m^3)
	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

	Value/Range	Unit	Method
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:

Lower:		1.8	Vol %
Upper:		19.0	Vol %
Vapour pressure:	at 20°C	4.0 ± 0.5	bar
Density:	at 20°C	0.619 - 0.645	g/cm^3

Solubility in/Miscibility with Water: Partly miscible

SECTION 10 - STABILITY AND REACTIVITY

Thermal decomposition/ conditions to be avoided: No decomposition if used according to instructions.

Dangerous reactions: No dangerous reactions known.

Materials to be avoided: Oxidising agents and strong acids.

Dangerous products of decomposition: In case of fire CO may be possible.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute toxicity:

Primary irritant effect:
On the skin: Irritation may be possible.

On the eye: Irritation may be possible.

SECTION 12 - ECOLOGICAL INFORMATION

General notes: 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.

SECTION 13 - DISPOSAL CONSIDERATIONS

Product:
Recommendation: Disposal must be made according to local regulations or via a licensed waste contractor.

Uncleaned packagings:
Recommendation: 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)

ADR/RID Class:	2
UN Number:	1950
Correct technical name:	Aerosols (Flammable)
Label:	Diamond shaped, framed
Remarks:	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"

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 Phrases: Contains 2,4-Dimethyl cyclohex-3-ene-1-carboxaldehyde, Citronellol and Geraniol. 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.

SECTION 16 - OTHER INFORMATION

R-phrases used in document:

R11	Highly flammable
R12	Extremely flammable
R36	Irritating to eyes
R38	Irritating to skin
R36/38	Irritating to eyes 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
R52/53	Harmful 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 and changes inline with 1907/2006/EC, article 31 (marked ¦)

Print date: