

Version 1.0 Revision Date 07.08.2018 Print Date 29.11.2019 Specification Number: 350000034795 SITE FORM Number: 3000000000000023351.001

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier	:	SC Johnson Professional Glade® Aerosol - Vanilla
1.2 Relevant identified uses of the Use of the Substance/Mixture		ostance or mixture and uses advised against Air care products
Uses advised against	:	None known.
1.3 Details of the supplier of the safety data sheet	:	SC Johnson Professional Ltd. Denby DE5 8JZ UK
		SC Johnson Professional GmbH Girmesgath 47803 Krefeld EU
Telephone	:	+44 (0) 1773 855 100
E-mail address	:	talktous@scj.com
1.4 Emergency telephone number	:	Care Center: UK - 0800 353 353 Ireland – 1800 409 176
		Irish Poison Center: Ireland - (01)809 2166

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP)

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 2	Flammable aerosol.

2.2 Label elements



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Labelling according to Regulation (EC) No. 1272/2008 (CLP) Hazard symbols



Signal word Warning

Hazard statements (H223) Flammable aerosol. (H229) Pressurised container: May burst if heated.

Precautionary statements

(P102) Keep out of reach of children.
(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
(P210) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
(P211) Do not spray on an open flame or other ignition source.
(P251) Do not pierce or burn, even after use.

Additional Labelling Use only in well-ventilated areas. Store in a cool, dry place. People suffering from perfume sensitivity should be cautious when using this product. Air fresheners do not replace good hygiene practices. For professional use only. (according to Regulation (EC) No. 2015/830)



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2.3 Other hazards

: Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

Chemical name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent
Quaternary ammonium compounds, benzyl-C12-16- alkyldimethyl, chlorides	68424-85-1 270-325-2	01-2119983287-23	Skin corrosion Category 1 H314 Serious eye damage Category 1 H318 Chronic aquatic toxicity Category 1 H410 Acute aquatic toxicity Category 1 H400 Acute toxicity Category 4 H302 Acute toxicity	>= 0.00 - < 0.10



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	Category 3	
	H311	
	Acute toxicity	
	Category 2	
	Н330	
	M-Factor Acute - 10	
	M-Factor Chronic - 1	

WEL substance				
butane	106-97-8 203-448-7	01-2119474691-32	Flammable gases Category 1 H220 Gases under pressure H280	>= 5.00 - < 10.00
pentane	109-66-0 203-692-4	01-2119459286-30	Flammable liquids Category 2 H225 Specific target organ toxicity - single exposure Category 3 H336 Aspiration hazard Category 1 H304 Chronic aquatic toxicity	>= 0.10 - < 0.50



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			Category 2 H411	
2-methylbutane	78-78-4 201-142-8	01-2119475602-38	Flammable liquids Category 1 H224 Specific target organ toxicity - single exposure Category 3 H336 Aspiration hazard Category 1 H304 Chronic aquatic toxicity Category 2 H411	>= 0.10 - < 0.50
propane-1,2-diol	57-55-6 200-338-0	01-2119456809-23		>= 0.00 - < 0.10

Additional Information

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measure	S	
Inhalation	:	Move to fresh air. If breathing is affected, get medical attention.
Skin contact	:	Rinse with plenty of water.
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	Get medical attention if irritation develops and persists.
Eye contact	: Rinse with plenty of water. Get medical attention if irritation develops and persists.
Ingestion	: If symptoms persist, call a physician.
4.2 Most important symp	toms and effects, both acute and delayed
Eyes	: May irritate eyes. No adverse effects expected when used as directed.
Skin effect	: May cause skin irritation. No adverse effects expected when used as directed.
Inhalation	 Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. No adverse effects expected when used as directed.
Ingestion	: No adverse effects expected when used as directed.

4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media Suitable Use extinguishing measures that are appropriate to local circumstances : and the surrounding environment. High volume water jet Unsuitable : 5.2 Special hazards arising from : Heating may cause an explosion. the substance or mixture In case of fire and/or explosion do not breathe fumes. Exposure to decomposition products may be a hazard to health. 5.3 Advice for firefighters In the event of fire, wear self-contained breathing apparatus. : 6/19



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Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate.

ECTION 6: ACCIDENTAL RELEASE MEAS	URES
6.1 Personal precautions, protective equipment and emergency procedures	 Use personal protective equipment. Remove all sources of ignition. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.
6.2 Environmental precautions	 Outside of normal use, avoid release to the environment. Prevent large amounts of product from entering drains. Do not flush into surface water or sanitary sewer system. Use appropriate containment to avoid environmental contamination.
6.3 Methods and materials for containment and cleaning up	 If damage occurs to aerosol can: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean residue from spill site. Dike large spills. Use only non-sparking equipment.
6.4 Reference to other sections	: For personal protection see section 8. For disposal considerations see section 13.
ECTION 7: HANDLING AND STORAGE	
7.1 Precautions for safe handling	 For personal protection see section 8. Do not breathe vapours or spray mist. Do not use in areas without adequate ventilation. Do not puncture. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Do not spray on a naked flame or any incandescent material. Take measures to prevent the build up of electrostatic charge.
7.2 Conditions for safe storage,	: No smoking.
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including any incompatibilities	Store in cool place.
	Do not freeze.
	Pressurized container: protect from sunlight and do not expose to
	temperatures exceeding 50 °C. Do not pierce or burn, even after use.
	Keep out of the reach of children.
	No decomposition if stored and applied as directed.
7.3 Specific end use(s) :	Professional uses: Public domain (administration, education, entertainment, services, craftsmen) Air care products

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limit Values

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
butane	106-97-8	1,810	750 ppm		UK_WELSTEL
		mg/m3			
		1,450	600 ppm		UK_WELTWAS
		mg/m3			
pentane	109-66-0	3,000	1,000		EUOEL_TWAS
		mg/m3	ppm		
		5,400	1,800		UK_WELSTEL
		mg/m3	ppm		
		1,800	600 ppm		UK_WELTWAS
		mg/m3			
2-methylbutane	78-78-4	3,000	1,000		EUOEL_TWAS
		mg/m3	ppm		
		1,800	600 ppm		UK_WELTWAS
		mg/m3			
		5,400	1,800		UK_WELSTEL
		mg/m3	ppm		
propane-1,2-diol	57-55-6	1,422	450 ppm	total particulate	UK_WELSTEL
		mg/m3		and vapour	
		30 mg/m3		particulate	UK_WELSTEL
		474	150 ppm	total particulates	UK_WELTWAS
		mg/m3		and vapour	
		10 mg/m3		particulate	UK_WELTWAS
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Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection	:	No personal respiratory protective equipment normally required.
Hand protection	:	Wear suitable gloves. Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Before removing gloves clean them with soap and water.
Eye/face protection	:	No special requirements.
Skin and body protection	:	Wash contaminated clothing before re-use.
Other information	:	Wash hands before breaks and at the end of workday.
Environmental Exposure Controls	:	Refer to section 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	:	aerosol
Colour	:	colourless
Odour	:	sweet
Odour Threshold	:	Test not applicable for this product type
рН	:	Test not applicable for this product type
Melting point/freezing point	:	Test not applicable for this product type
Initial boiling point and boiling range	:	Test not applicable for this product type
Flash point	:	79 °C



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	Method: Tag Closed Cup (TCC) liquid -7°C Method: Tag Closed Cup (TCC) Propellant
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Sustains combustion
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: Test not applicable for this product type
Vapour density	: Test not applicable for this product type
Relative density	: 0.86 g/cm3 at 20 °Cestimated
Solubility(ies) Partition coefficient: n- octanol/water	partly miscibleTest not applicable for this product type
Auto-ignition temperature	: not auto-flammable
Decomposition temperature	: Test not applicable for this product type
Viscosity, dynamic	: Test not applicable for this product type
Viscosity, kinematic	: Test not applicable for this product type
Explosive properties	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type
9.2 Other information	
Other information	: None identified



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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	: No dangerous reaction known under conditions of normal use.
10.2 Chemical stability	: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	: None known.
10.4 Conditions to avoid	: Heat, flames and sparks.
10.5 Incompatible materials	: None known.
10.6 Hazardous decomposition products	: No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

Method	Species	Dose
LD50		> 2,000 mg/kg
Calculated		
	LD50	LD50

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	LC50 (dust and		> 5 mg/l	
	mist)			
	Calculated			

Acute dermal toxicity

Name	Method	Species	Dose
Product	LD50 Coloridate d		> 2,000 mg/kg
	Calculated		



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Acute oral toxicity		

Name	Method	Species	Dose
Quaternary ammonium compounds, benzyl-C12-16- alkyldimethyl, chlorides	LD50	Rat	426 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Quaternary ammonium	No data available			
compounds, benzyl-C12-16-				
alkyldimethyl, chlorides				

Acute dermal toxicity

Name	Method	Species	Dose
Quaternary ammonium	LD50	Rat	930 mg/kg
compounds, benzyl-C12-16-			
alkyldimethyl, chlorides			

Skin corrosion/irritation	:	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	:	Based on available data, the classification criteria are not met.
Skin sensitisation	:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	:	Based on available data, the classification criteria are not met.
Carcinogenicity	:	Based on available data, the classification criteria are not met.
Toxicity for reproduction	:	Based on available data, the classification criteria are not met.
STOT - single exposure	:	Based on available data, the classification criteria are not met.



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STOT - repeated exposure	:	Based on available data, the classification criteria are not met.
Aspiration hazard	:	Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

12.1 Toxicity

Toxicity to fish

Components	End point	Species	Value	Exposure time
Quaternary ammonium compounds, benzyl-C12-16- alkyldimethyl, chlorides	LC50 Measured	Pimephales promelas (fathead minnow)	0.28 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	0.03 mg/l	34 d
butane	LC50 QSAR	Fish	27.98 mg/l	96 h
pentane	LC50	Oncorhynchus mykiss (rainbow trout)	4.26 mg/l	96 h
	NOELR QSAR	Oncorhynchus mykiss (rainbow trout)	6 mg/l	28 d
2-methylbutane	LC50	Oncorhynchus mykiss (rainbow trout)	4.26 mg/l	96 h
	NOELR QSAR	Fish	7.6 mg/l	21 d
propane-1,2-diol	LC50 static test Measured	Oncorhynchus mykiss (rainbow trout)	40,613 mg/l	96 h
	Chronic Toxicity Value QSAR	Fish	2,500 mg/l	30 d

Toxicity to aquatic invertebrates



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Components	End point	Species	Value	Exposure time
Quaternary ammonium compounds, benzyl-C12-16- alkyldimethyl, chlorides	EC50	Daphnia magna (Water flea)	0.016 mg/l	48 h
	NOEC	Daphnia magna	0.0042 mg/l	21 d
butane	No data available			
pentane	EC50	Daphnia magna (Water flea)	2.7 mg/l	48 h
	NOELR QSAR	Daphnia magna	10.76 mg/l	21 d
2-methylbutane	EC50 Measured	Daphnia magna (Water flea)	2.3 mg/l	48 h
	NOELR QSAR	Daphnia magna	13.29 mg/l	21 d
propane-1,2-diol	EC50 static test Measured	Ceriodaphnia dubia	18,340 mg/l	48 h
	NOEC semi-static test Measured	Ceriodaphnia sp.	13,020 mg/l	7 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	EC50	Selenastrum capricornutum, Skeletonema costatum	0.026 mg/l	72 h
butane	EC50 QSAR	Green algae	7.71 mg/l	96 h
pentane	EC50	Scenedesmus capricornutum (fresh water algae)	10.7 mg/l	72 h
2-methylbutane	EC50 QSAR	Scenedesmus capricornutum (fresh water algae)	10.7 mg/l	72 h



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propane-1,2-diol	EC50 static test Measured	Scenedesmus capricornutum (fresh water algae)	19,000 mg/l	96 h

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	95.5 %	28 d	Readily biodegradable.
butane	100 %	385.5 h	Readily biodegradable.
pentane	87 %	28 d	Readily biodegradable.
2-methylbutane	71.43 %	28 d	Readily biodegradable.
propane-1,2-diol	81.7 % Measured	28 d	Readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	79 Measured	3.91
butane	No data available	2.89
pentane	171 QSAR	3.45
2-methylbutane	171 Read-across (Analogy)	4.9 Measured
propane-1,2-diol	0.09	-1.07

12.4 Mobility in soil



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Component	End point	Value
Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides	No data available	
butane	No data available	
pentane	Кос	794.3 Calculated
2-methylbutane	log Кос	2.9 Read-across (Analogy)
propane-1,2-diol	Кос	2.9 Measured

12.5 Results of PBT and vPvB assessment

Component	Results
Quaternary ammonium compounds, benzyl- C12-16-alkyldimethyl, chlorides	Not fulfilling PBT and vPvB criteria
butane	Not fulfilling PBT and vPvB criteria
pentane	Not fulfilling PBT and vPvB criteria
2-methylbutane	Not fulfilling PBT and vPvB criteria
propane-1,2-diol	Not fulfilling PBT and vPvB criteria

12.6 Other adverse effects

None known.

ION 13: DISPOSAL CONSIDE 13.1 Waste treatment mether		
15.1 waste treatment met	lous	
Product	:	Do not dispose of waste into sewer.
		Do not contaminate ponds, waterways or ditches with
		chemical or used container.
		Disposal should be in accordance with local, state or
		national legislation.
		Please recycle empty packaging.



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Packaging

Do not re-use empty containers.

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SECTION 14: TRANSPORT INFORMATION

	Land transport	Sea transport	Air transport
14.1 UN number	1950	1950	1950
14.2 UN proper shipping	AEROSOLS, Flammable	AEROSOLS, Flammable	AEROSOLS, Flammable
name			
14.3 Transport hazard	2	2	2.1
class(es)			
14.4 Packing group			
14.5 Environmental			
hazards			
14.6 Special precautions	Limited quantities	Limited quantities	Limited quantities
for user	derogation may be	derogation may be	derogation may be
	applicable to this product,	applicable to this product,	applicable to this product,
	please check transport	please check transport	please check transport
	documents.	documents.	documents.
14.7 Transport in bulk	Product not transported as	Product not transported as	Product not transported as
according to Annex II of	bulk.	bulk.	bulk.
MARPOL 73/78 and the			
IBC Code			

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

SECTION 16: OTHER INFORMATION

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

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Key abbreviations or acronyms used

EC - European Community

EEC – European Economic Community



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CLP – Classification Labelling & Packaging EN – European Standard or European Norm PBT – Persistent, Bioaccumulative & Toxic vPvB – very persistent, very bioaccumulative UN – United Nations

Evaluation methods

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.

Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

Full text	of H-Statements
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H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H225	Highly flammable liquid and vapour.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.



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H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.