

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 1907/2006)



**GLADE® Aerosol - Clean Linen**

Version 2.0  
Revision Date 05.11.2015

Print Date 08.03.2017  
Specification Number: 350000007899  
SITE FORM Number:  
30000000000000006942.002

**1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

- 1.1 Product identifier** : GLADE® Aerosol - Clean Linen
  
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - Use of the Substance/Mixture** : Air care products
  
  - Uses advised against** : None known.
  
- 1.3 Details of the supplier of the safety data sheet** : SC Johnson Ltd.  
Frimley Green  
Camberley  
  
GU16 7AJ
  
- Telephone** : +441276852000
  
- E-mail address** : ask.uk@scj.com
  
- 1.4 Emergency telephone number** : Consumer Care Center:  
UK - 0800 353 353  
Ireland - 1800 409 176

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

Hazard classification	Hazard category	Hazards identification
Aerosol	Category 1	Extremely flammable aerosol.

**2.2 Label elements**

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

**Hazard symbols**



**Signal word**  
Danger

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(H222) Extremely flammable aerosol.

(H229) Pressurised container: May burst if heated.

**Precautionary statements**

(P102) Keep out of reach of children.

(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

(P210) Keep away from heat/sparks/open flames/hot surfaces. No smoking.

(P211) Do not spray on an open flame or other ignition source.

(P251) Do not pierce or burn, even after use.

(P260) Do not breathe spray.

**Additional Labelling**

Caution

Use only as directed.

Use only in well-ventilated areas.

People suffering from perfume sensitivity should be cautious when using this product.

Air fresheners do not replace good hygiene practices.

**2.3 Other hazards**

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

Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

**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
sobutane	75-28-5/200-857-2	01-2119485395-27	Flammable gases Category 1 H220 Gases under pressure  H280	>= 10.00 - < 20.00
Propane	74-98-6/200-827-9	01-2119486944-21	Flammable gases Category 1 H220 Gases under pressure	>= 1.00 - < 5.00

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			H280	
disodium hydrogenorthophosphate	7558-79-4/231-448-7	-		>= 0.10 - < 0.50
potassium dihydrogenorthophosphate	7778-77-0/231-913-4	-		>= 0.10 - < 0.50
trimethyloctadecylammonium chloride	112-03-8/203-929-1	01-2119970559-21	Skin corrosion/irritation Category 1 H314 Serious eye damage/eye irritation Category 1 H318 Chronic aquatic toxicity Category 1 H410 Acute aquatic toxicity Category 1 H400	>= 0.00 - < 0.10

**Additional Information**

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

**4. FIRST AID MEASURES****4.1 Description of first aid measures**

- Inhalation : Move to fresh air.  
If breathing is affected, get medical attention.
- Skin contact : Rinse with plenty of water.  
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 symptoms 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

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be harmful or fatal.  
No adverse effects expected when used as directed.  
Excessive exposure to spray mist, fog or vapour may cause respiratory irritation.

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.

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**5. FIREFIGHTING MEASURES**

**5.1 Extinguishing media**

Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable : High volume water jet

**5.2 Special hazards arising from the substance or mixture** : Heating may cause an explosion.  
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.  
Wear suitable protective clothing and gloves.  
Refer to current EN or National standard as appropriate.

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**6. ACCIDENTAL RELEASE MEASURES**

**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** : Prevent 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.

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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.

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**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, including any incompatibilities** : No smoking.  
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)** : Consumer uses: Private households (= general public = consumers)  
Air care products

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1 Control parameters**

**Occupational Exposure Limit Values**

Contains no substances with occupational exposure limit values.

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.  
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.

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- 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.

**9. PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

- Appearance : aerosol
- Colour : colourless
- Odour : Functional
- Odour Threshold : No data available
- pH : No data available
- Melting point/freezing point : No data available
- Initial boiling point and boiling range : No data available
- Flash point : < -7 °C
- Evaporation rate : No data available
- Flammability (solid, gas) : Sustains combustion
- Upper/lower flammability or explosive limits : No data available
- Vapour pressure : Not applicable
- Vapour density : No data available
- Relative density : Not applicable
- Solubility(ies) : Not applicable
- Partition coefficient: n-octanol/water : No data available
- Auto-ignition temperature : Not applicable
- Decomposition temperature : No data available

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Viscosity, dynamic : Not applicable

Viscosity, kinematic : No data available

Explosive properties : No data available

Oxidizing properties : Not applicable

Other information : None identified :

**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.

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**10.4 Conditions to avoid** : Heat, flames and sparks.

**10.4 Conditions to avoid** : Heat, flames and sparks.

**10.5 Incompatible materials** : None.

**10.5 Incompatible materials** : None known.

**10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.

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**11. TOXICOLOGICAL INFORMATION**

**Information on toxicological effects**

**Acute oral toxicity**

Name	Method	Species	Dose
Product			

**Acute inhalation toxicity**

Name	Method	Species	Dose	Exposure time
Product				

**Acute dermal toxicity**

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Name	Method	Species	Dose
Product			

**Acute oral toxicity**

Name	Method	Species	Dose
Isobutane	No data available		
Propane	No data available		
disodium hydrogenorthophosphate	LD50	Rat	> 2,000 mg/kg
potassium dihydrogenorthophosphate			
trimethyloctadecylammonium chloride	LD50 Measured	Rat	702.5 mg/kg

**Acute inhalation toxicity**

Name	Method	Species	Dose	Exposure time
Isobutane	LC50 (dust and mist)	Rat	658 mg/l	4 h
Propane	LC50 (dust and mist)	Rat	658 mg/l	4 h
disodium hydrogenorthophosphate	LC50 (dust and mist)	Rat	> 0.83 mg/l	4 h
potassium dihydrogenorthophosphate	LC50 (dust and mist)	Rat	> 0.83 mg/l	4 h
trimethyloctadecylammonium chloride	No data available			

**Acute dermal toxicity**

Name	Method	Species	Dose
Isobutane	No data available		
Propane	No data available		
disodium hydrogenorthophosphate	LD50	Rat	> 2,000 mg/kg
potassium dihydrogenorthophosphate	LD50	Rat	> 2,000 mg/kg

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trimethyloctadecylammonium chloride	No data available		
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- Skin corrosion/irritation : May cause skin irritation in susceptible persons. Based on available data, the classification criteria are not met.
- Serious eye damage/eye irritation : May irritate eyes. 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.
- 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.

**12. ECOLOGICAL INFORMATION****Product** : The product itself has not been tested.**12.1 Toxicity****Toxicity to fish**

Components	End point	Species	Value	Exposure time
Isobutane	LC50	Fish	27.98 mg/l	96 h
Propane	LC50	Fish	27.98 mg/l	96 h
disodium hydrogenorthophosphate	LC50 semi-static test Read-across (Analogy)	Oncorhynchus mykiss (rainbow trout)	> 100 mg/l	96 h
potassium dihydrogenorthophosphate	LC50 semi-static test Read-across (Analogy)	Oncorhynchus mykiss (rainbow trout)	> 100 mg/l	96 h

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trimethyloctadecylammonium chloride	LC50 static test Measured	Salmo salar (Atlantic salmon)	0.07 mg/l	96 h
	NOEC Read-across (Analogy)	Pimephales promelas (fathead minnow)	0.273 mg/l	7 d

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
Isobutane	LC50	Daphnid	16.33 mg/l	48 h
Propane	LC50	Daphnid	14.22 mg/l	48 h
disodium hydrogenorthophosphate	EC50 static test Read-across (Analogy)	Daphnia magna (Water flea)	> 100 mg/l	48 h
potassium dihydrogenorthophosphate	EC50 static test Read-across (Analogy)	Daphnia magna (Water flea)	> 100 mg/l	48 h
trimethyloctadecylammonium chloride	EC50	Daphnia magna (Water flea)	0.037 mg/l	48 h
	NOEC Read-across (Analogy)	Daphnia magna (Water flea)	0.0068 mg/l	21 d

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
Isobutane	EC50	Green algae	8.57 mg/l	96 h
Propane	EC50	Green algae	11.89 mg/l	96 h
disodium hydrogenorthophosphate	EC50 static test Read-across (Analogy)	Desmodesmus subspicatus (green algae)	> 100 mg/l	72 h
potassium dihydrogenorthophosphate	EC50 static test Read-across (Analogy)	Desmodesmus subspicatus (green algae)	> 100 mg/l	72 h
trimethyloctadecylammonium chloride	EC50 Growth inhibition Measured	Scenedesmus capricornutum (fresh)	0.08 mg/l	72 h

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		water algae)		
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**12.2 Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Isobutane	70 %	< 10 d	Readily biodegradable
Propane	70 %	< 10 d	Readily biodegradable
disodium hydrogenorthophosphate	No data available		
potassium dihydrogenorthophosphate	No data available		
trimethyloctadecylammonium chloride	18 %	28 d	Not readily biodegradable.

**12.3 Bioaccumulative potential**

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Isobutane	1.57 - 1.97	2.8
Propane	No data available	2.36
disodium hydrogenorthophosphate	No data available	No data available
potassium dihydrogenorthophosphate	No data available	No data available
trimethyloctadecylammonium chloride	70.8 estimated	3.61

**12.4 Mobility**

Component	End point	Value
Isobutane	No data available	
Propane	No data available	
disodium hydrogenorthophosphate	No data available	
potassium dihydrogenorthophosphate	No data available	
trimethyloctadecylammonium chloride	No data available	

**12.5 PBT and vPvB assessment**

Component	Results
Isobutane	Not fulfilling PBT and vPvB criteria

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Propane	Not fulfilling PBT and vPvB criteria
disodium hydrogenorthophosphate	Not fulfilling PBT and vPvB criteria
potassium dihydrogenorthophosphate	Not fulfilling PBT and vPvB criteria
trimethyloctadecylammonium chloride	Not fulfilling PBT and vPvB criteria

**12.6 Other adverse effects** : None known.**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods**

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.

Packaging : Do not re-use empty containers.

**14. TRANSPORT INFORMATION**

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

**15. REGULATORY INFORMATION**

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**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.

**16. OTHER INFORMATION**

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

**Further information**

**||**

H220	Extremely flammable gas.
H280	Contains gas under pressure; may explode if heated.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very 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.