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)

<table>
<thead>
<tr>
<th>Hazard classification</th>
<th>Hazard category</th>
<th>Hazards identification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerosol</td>
<td>Category 1</td>
<td>Extremely flammable aerosol.</td>
</tr>
</tbody>
</table>

2.2 Label elements

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

Hazard symbols

Signal word
Danger
Hazard statements
(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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No./EC No</th>
<th>Reg. No</th>
<th>Classification according to Regulation (EC) No 1272/2008 (CLP)</th>
<th>Weight percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>75-28-5/200-857-2</td>
<td>01-2119485395-27</td>
<td>Flammable gases Category 1 H220 Gases under pressure H280</td>
<td>&gt;= 10.00 - &lt; 20.00</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6/200-827-9</td>
<td>01-2119486944-21</td>
<td>Flammable gases Category 1 H220 Gases under pressure</td>
<td>&gt;= 1.00 - &lt; 5.00</td>
</tr>
</tbody>
</table>
**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

<table>
<thead>
<tr>
<th>Chemical</th>
<th>UN Number</th>
<th>CAS Number</th>
<th>H280</th>
</tr>
</thead>
<tbody>
<tr>
<td>disodium hydrogenorthophosphate</td>
<td>7558-79-4/231-448-7</td>
<td>&gt;= 0.10 - &lt; 0.50</td>
<td></td>
</tr>
<tr>
<td>potassium dihydrogenorthophosphate</td>
<td>7778-77-0/231-913-4</td>
<td>&gt;= 0.10 - &lt; 0.50</td>
<td></td>
</tr>
<tr>
<td>trimethyloctadecylammonium chloride</td>
<td>112-03-8/203-929-1</td>
<td>01-2119970559-21</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin corrosion/irritation Category 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Serious eye damage/eye irritation Category 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chronic aquatic toxicity Category 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute aquatic toxicity Category 1</td>
<td></td>
</tr>
</tbody>
</table>

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

4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

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.

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.
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.

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

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

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Method</th>
<th>Species</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Acute inhalation toxicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Method</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Acute dermal toxicity
SAFETY DATA SHEET  
(according to Regulation (EC) No. 1907/2006)

GLADE® Aerosol - Clean Linen

Version 2.0  
Revision Date 05.11.2015

<table>
<thead>
<tr>
<th>Name</th>
<th>Method</th>
<th>Species</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Acute oral toxicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Method</th>
<th>Species</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>disodium hydrogenorthophosphate</td>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2,000 mg/kg</td>
</tr>
<tr>
<td>potassium dihydrogenorthophosphate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>trimethyloctadecylammonium chloride</td>
<td>LD50</td>
<td>Measured</td>
<td>702.5 mg/kg</td>
</tr>
</tbody>
</table>

### Acute inhalation toxicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Method</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>LC50 (dust and mist)</td>
<td>Rat</td>
<td>658 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td>Propane</td>
<td>LC50 (dust and mist)</td>
<td>Rat</td>
<td>658 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td>disodium hydrogenorthophosphate</td>
<td>LC50 (dust and mist)</td>
<td>Rat</td>
<td>&gt; 0.83 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td>potassium dihydrogenorthophosphate</td>
<td>LC50 (dust and mist)</td>
<td>Rat</td>
<td>&gt; 0.83 mg/l</td>
<td>4 h</td>
</tr>
<tr>
<td>trimethyloctadecylammonium chloride</td>
<td>No data available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Acute dermal toxicity

<table>
<thead>
<tr>
<th>Name</th>
<th>Method</th>
<th>Species</th>
<th>Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>disodium hydrogenorthophosphate</td>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2,000 mg/kg</td>
</tr>
<tr>
<td>potassium dihydrogenorthophosphate</td>
<td>LD50</td>
<td>Rat</td>
<td>&gt; 2,000 mg/kg</td>
</tr>
</tbody>
</table>

Print Date 08.03.2017  
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Version 2.0
Revision Date 05.11.2015

Print Date 08.03.2017
Specification Number: 35000007899
SITE FORM Number: 30000000000000006942.002

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

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>LC50</td>
<td>Fish</td>
<td>27.98 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td>Propane</td>
<td>LC50</td>
<td>Fish</td>
<td>27.98 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td>disodium hydrogenorthophosphate</td>
<td>LC50 semi-static test Read-across (Analogy)</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>&gt; 100 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td>potassium dihydrogenorthophosphate</td>
<td>LC50 semi-static test Read-across (Analogy)</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>&gt; 100 mg/l</td>
<td>96 h</td>
</tr>
</tbody>
</table>
### Toxicity to aquatic invertebrates

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>trimethyloctadecylammonium chloride</td>
<td>LC50 static test Measured</td>
<td>Salmo salar (Atlantic salmon)</td>
<td>0.07 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td></td>
<td>NOEC Read-across (Analogy)</td>
<td>Pimephales promelas (fathead minnow)</td>
<td>0.273 mg/l</td>
<td>7 d</td>
</tr>
</tbody>
</table>

#### Toxicity to aquatic plants

<table>
<thead>
<tr>
<th>Components</th>
<th>End point</th>
<th>Species</th>
<th>Value</th>
<th>Exposure time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>EC50</td>
<td>Green algea</td>
<td>8.57 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td>Propane</td>
<td>EC50</td>
<td>Green algea</td>
<td>11.89 mg/l</td>
<td>96 h</td>
</tr>
<tr>
<td>disodium hydrogenorthophosphate</td>
<td>EC50 static test Read-across (Analogy)</td>
<td>Desmodesmus subspicatus (green algae)</td>
<td>&gt; 100 mg/l</td>
<td>72 h</td>
</tr>
<tr>
<td>potassium dihydrogenorthophosphate</td>
<td>EC50 static test Read-across (Analogy)</td>
<td>Desmodesmus subspicatus (green algae)</td>
<td>&gt; 100 mg/l</td>
<td>72 h</td>
</tr>
<tr>
<td>trimethyloctadecylammonium chloride</td>
<td>EC50 Growth inhibition Measured</td>
<td>Scenedesmus capricornutum (fresh)</td>
<td>0.08 mg/l</td>
<td>72 h</td>
</tr>
</tbody>
</table>
12.2 Persistence and degradability

<table>
<thead>
<tr>
<th>Component</th>
<th>Biodegradation</th>
<th>Exposure time</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>70 %</td>
<td>&lt; 10 d</td>
<td>Readily biodegradable</td>
</tr>
<tr>
<td>Propane</td>
<td>70 %</td>
<td>&lt; 10 d</td>
<td>Readily biodegradable</td>
</tr>
<tr>
<td>disodium hydrogenorthophosphate</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>potassium dihydrogenorthophosphate</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>trimethyloctadecylammonium chloride</td>
<td>18 %</td>
<td>28 d</td>
<td>Not readily biodegradable.</td>
</tr>
</tbody>
</table>

12.3 Bioaccumulative potential

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

12.4 Mobility

<table>
<thead>
<tr>
<th>Component</th>
<th>End point</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>Propane</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>disodium hydrogenorthophosphate</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>potassium dihydrogenorthophosphate</td>
<td>No data available</td>
<td></td>
</tr>
<tr>
<td>trimethyloctadecylammonium chloride</td>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

12.5 PBT and vPvB assessment

<table>
<thead>
<tr>
<th>Component</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isobutane</td>
<td>Not fulfilling PBT and vPvB criteria</td>
</tr>
</tbody>
</table>
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

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

15. REGULATORY INFORMATION
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

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.