SCRUBBING BUBBLES® TOILET BOWL CLEANER - FLORAL FUSION

1. PRODUCT AND COMPANY IDENTIFICATION

Product information
Product name: SCRUBBING BUBBLES® TOILET BOWL CLEANER - FLORAL FUSION
Recommended use: Toilet Cleaner
Restrictions on use: Use only as directed on label
Manufacturer, importer, supplier: S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
Telephone: +1-800-558-5252
Emergency telephone number: 24 Hour Medical Emergency Phone: (866)231-5406
24 Hour International Emergency Phone: (703)527-3887
24 Hour Transport Emergency Phone: (800)424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
Globally Harmonized System (GHS) Classification
This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Labelling
Precautionary statements
Other hazards: None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS-No.</th>
<th>Weight percent</th>
</tr>
</thead>
</table>
SCRUBBING BUBBLES® TOILET BOWL CLEANER - FLORAL FUSION

Lactic Acid

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS Number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lactic Acid</td>
<td>79-33-4</td>
<td>1.00 - 5.00</td>
</tr>
</tbody>
</table>

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

Description of first aid measures

- **Eye contact**: No special requirements
- **Skin contact**: No special requirements
- **Inhalation**: No special requirements
- **Ingestion**: No special requirements

Most important symptoms and effects, both acute and delayed

- **Eyes**: No adverse effects expected when used as directed.
- **Skin effect**: No adverse effects expected when used as directed.
- **Inhalation**: May cause respiratory tract irritation.
- **Ingestion**: No adverse effects expected when used as directed.

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

- **Suitable extinguishing media**: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- **Specific hazards during firefighting**: Container may melt and leak in heat of fire.
**SCRUBBING BUBBLES® TOILET BOWL CLEANER - FLORAL FUSION**

**Version** 1.0  
**Print Date** 02/04/2019  
**Revision Date** 04/24/2018  
**SDS Number** 350000034500  
**GEN_SOF Number** 62060

**Further information**: Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions**: Wash thoroughly after handling.

**Environmental precautions**: Outside of normal use, avoid release to the environment.

**Methods and materials for containment and cleaning up**: Dike large spills. Clean residue from spill site.

### 7. HANDLING AND STORAGE

**Handling**

**Precautions for safe handling**: Avoid contact with skin, eyes and clothing. For personal protection see section 8. KEEP OUT OF REACH OF CHILDREN AND PETS.

**Advice on protection against fire and explosion**: Normal measures for preventive fire protection.

**Storage**

**Requirements for storage areas and containers**: Keep container closed when not in use.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Occupational Exposure Limits**

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

**Personal protective equipment**

**Respiratory protection**: No special requirements.
Hand protection : No special requirements.

Eye protection : No special requirements.

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : purple

Odour : Fruity

Odour Threshold : Test not applicable for this product type

pH : 2.2 - 2.6
at (20 C)

Melting point/freezing point : 0 C

Initial boiling point and boiling range : Test not applicable for this product type

Flash point : does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : The product is not flammable.

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 : 1.003 - 1.007 g/cm3 at 20 °C

Solubility(ies) : completely soluble

Partition coefficient: n-octanol/water : Test not applicable for this product type

Auto-ignition temperature : Test not applicable for this product type

Decomposition temperature : Test not applicable for this product type

Viscosity, dynamic : 1,100 - 1,900 mPa.s at 20 °C

Viscosity, kinematic : Test not applicable for this product type

Oxidizing properties : Test not applicable for this product type

Volatile Organic Compounds Total VOC (wt. %)* : 0.1 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

Other information : None identified

10. STABILITY AND REACTIVITY

Reactivity : Do not mix with bleach or any other household cleaners.
### Chemical stability
Stable under recommended storage conditions.

### Possibility of hazardous reactions
Stable under recommended storage conditions.

### Conditions to avoid
Direct sources of heat.

### Incompatible materials
None known.

### Hazardous decomposition products
Thermal decomposition can lead to release of irritating gases and vapours.

### TOXICOLOGICAL INFORMATION

#### Acute oral toxicity
LD50 > 5000 mg/kg

#### Acute inhalation toxicity
LC50 > 10 mg/L

#### Acute dermal toxicity
LD50 > 5000 mg/kg

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
<th>Routes of entry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Oral</td>
</tr>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Dermal</td>
</tr>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Inhalation - Dust and Mist</td>
</tr>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Inhalation - Vapour</td>
</tr>
<tr>
<td>Acute toxicity</td>
<td>No classification proposed</td>
<td>Inhalation - Gas</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Eye irritation</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
<tr>
<td>Skin sensitisation</td>
<td>No classification proposed</td>
<td>-</td>
</tr>
</tbody>
</table>
12. ECOLOGICAL INFORMATION

Product: The product itself has not been tested.

Toxicity
The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

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>Lactic Acid</td>
<td>static test LC50</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>100 - 180 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>Lactic Acid</td>
<td>static test LC50</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>100 - 180 mg/l</td>
<td>96 h</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>Lactic Acid</td>
<td>static test EC50</td>
<td>Daphnia magna (Water flea)</td>
<td>130 mg/l</td>
<td>48 h</td>
</tr>
<tr>
<td>Lactic Acid</td>
<td>static test EC50</td>
<td>Pseudokirchneriella subcapitata (green algae)</td>
<td>&gt; 2,800 mg/l</td>
<td>72 h</td>
</tr>
</tbody>
</table>

### Persistence and degradability

<table>
<thead>
<tr>
<th>Component</th>
<th>Biodegradation</th>
<th>Exposure time</th>
<th>Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lactic Acid</td>
<td>67 %</td>
<td>20 d</td>
<td></td>
</tr>
</tbody>
</table>

### 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>Lactic Acid</td>
<td>No data available</td>
<td>-0.62</td>
</tr>
</tbody>
</table>

### Mobility

<table>
<thead>
<tr>
<th>Component</th>
<th>End point</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lactic Acid</td>
<td>log Koc</td>
<td>&lt; 1.32</td>
</tr>
</tbody>
</table>

### PBT and vPvB assessment

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

### Other adverse effects

None known.
13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Land transport
Not classified as dangerous in the meaning of transport regulations.

Sea transport
Not classified as dangerous in the meaning of transport regulations.

Air transport
Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Notification status
All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Notification status
All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65
This product is not subject to the reporting requirements under California's Proposition 65.
16. OTHER INFORMATION

HMIS Ratings

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Health</td>
<td>0</td>
</tr>
<tr>
<td>Flammability</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
</tbody>
</table>

NFPA Ratings

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Health</td>
<td>0</td>
</tr>
<tr>
<td>Fire</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity</td>
<td>0</td>
</tr>
<tr>
<td>Special</td>
<td>-</td>
</tr>
</tbody>
</table>

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)