

## Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



# SCRUBBING BUBBLES® BATHROOM GRIME FIGHTER- CITRUS

Version 1.0

Print Date 05/31/2018

Revision Date 12/14/2017

SDS Number 350000033863

GEN\_SOF Number 61906

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : SCRUBBING BUBBLES® BATHROOM GRIME FIGHTER-CITRUS

**Recommended use** : Hard Surface 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

| Hazard classification | Hazard category | Hazards identification                              |
|-----------------------|-----------------|---|
| Eye irritation        | Category 2      | Causes serious eye irritation.                      |
| Gases under pressure  | Liquefied gas   | Contains gas under pressure; may explode if heated. |

### Labelling

#### Hazard symbols

Gas cylinder  
Exclamation mark

#### Signal word

Warning

#### Hazard statements

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Contains gas under pressure; may explode if heated.

Causes serious eye irritation.

### Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

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

If eye irritation persists: Get medical advice/ attention.

Protect from sunlight. Store in a well-ventilated place.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Wash hands thoroughly after handling.

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

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical name | CAS-No. | Weight percent |
|---------------|---------|----------------|
| Isobutane     | 75-28-5 | 5.00 - 10.00   |

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](http://www.whatsinsidescjohnson.com).

## 4. FIRST AID MEASURES

### Description of first aid measures

**Eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

**Skin contact** : No special requirements

**Inhalation** : No special requirements.

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**Ingestion** : No special requirements

### Most important symptoms and effects, both acute and delayed

**Eyes** : Causes serious eye irritation.

**Skin effect** : No adverse effects expected when used as directed.

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

**Ingestion** : May cause irritation to mouth, throat and stomach.  
May cause abdominal discomfort.  
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** : Aerosol Product - Containers may rocket or explode in heat of fire.

**Further information** : Fight fire from maximum distance or protected area. Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Remove all sources of ignition.  
Wash thoroughly after handling.

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

**Methods and materials for containment and cleaning up** : Sweep up and shovel into suitable containers for disposal.  
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.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Wash thoroughly after handling.

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

### Storage

**Requirements for storage areas and containers** : Protect from sunlight.  
Store in a well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

| Components | CAS-No. | mg/m3 | ppm       | Non-standard units | Basis      |
|------------|---------|-------|-----------|--------------------|------------|
| Isobutane  | 75-28-5 | -     | 1,000 ppm | -                  | ACGIH STEL |

### Personal protective equipment

**Respiratory protection** : No special requirements.

**Hand protection** : No special requirements.

**Eye protection** : Safety glasses with side-shields

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**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** : aerosol

**Color** : transparent colourless to light yellow

**Odour** : Citrus

**Odour Threshold** : Test not applicable for this product type

**pH** : 12.0  
at (25 C)  
see user defined free text

**Melting point/freezing point** : Test not applicable for this product type

**Initial boiling point and boiling range** : 96 - 100 C

**Flash point** : > 97 °C  
> 206.6 °F  
liquid

**Evaporation rate** : Test not applicable for this product type

**Flammability (solid, gas)** : Does not sustain combustion.

**Upper/lower flammability or explosive limits** : Test not applicable for this product type

**Vapour pressure** : Test not applicable for this product type

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|  |   |   |
|--|---|---|
| <b>Vapour density</b>                                | : Test not applicable for this product type   |   |
| <b>Relative density</b>                              | : 1.00 g/cm <sup>3</sup> at 21 C 0.99 g/cm <sup>3</sup> at 55 C   |   |
| <b>Solubility(ies)</b>                               | : completely soluble  |   |
| <b>Partition coefficient: n-octanol/water</b>        | : Test not applicable for this product type   |   |
| <b>Auto-ignition temperature</b>                     | : not auto-flammable  |   |
| <b>Decomposition temperature</b>                     | : Test not applicable for this product type   |   |
| <b>Viscosity, dynamic</b>                            | : similar to water  |   |
| <b>Viscosity, kinematic</b>                          | : similar to water  |   |
| <b>Oxidizing properties</b>                          | : Test not applicable for this product type   |   |
| <b>Volatile Organic Compounds Total VOC (wt. %)*</b> | : 6.1 % - additional exemptions may apply<br>*as defined by US Federal and State Consumer Product Regulations |   |
| <b>Other information</b>                             | : None identified   | : |

## 10. STABILITY AND REACTIVITY

|                           |   |
|---------------------------|---|
| <b>Reactivity</b>         | : No dangerous reaction known under conditions of normal use. |
| <b>Chemical stability</b> | : Stable under recommended storage conditions.                |

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- Possibility of hazardous reactions** : If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.
- Conditions to avoid** : Direct sources of heat.
- Incompatible materials** : Do not mix with bleach or any other household cleaners. Strong bases
- Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

**11. TOXICOLOGICAL INFORMATION**

- Acute oral toxicity** : LD50 > 5,000 mg/kg
- Acute inhalation toxicity** : LC50 > 10 mg/L
- Acute dermal toxicity** : LD50 > 5,000 mg/kg

| GHS Properties     | Classification             | Routes of entry            |
|--------------------|----------------------------|----------------------------|
| Acute toxicity     | No classification proposed | Oral                       |
| Acute toxicity     | No classification proposed | Dermal                     |
| Acute toxicity     | No classification proposed | Inhalation - Dust and Mist |
| Acute toxicity     | No classification proposed | Inhalation - Vapour        |
| Acute toxicity     | No classification proposed | Inhalation - Gas           |
| Skin corrosion     | No classification proposed | -                          |
| Eye irritation     | Category 2                 | -                          |
| Skin sensitisation | No classification proposed | -                          |

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|  |                            |   |
|--|----------------------------|---|
| Respiratory sensitisation                          | No classification proposed | - |
| Germ cell mutagenicity                             | No classification proposed | - |
| Carcinogenicity                                    | No classification proposed | - |
| Reproductive toxicity                              | No classification proposed | - |
| Specific target organ toxicity - single exposure   | No classification proposed | - |
| Specific target organ toxicity - repeated exposure | No classification proposed | - |
| Aspiration hazard                                  | No classification proposed | - |

**Aggravated Medical Condition** : None known.

**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**

| Components | End point | Species | Value      | Exposure time |
|------------|-----------|---------|------------|---------------|
| Isobutane  | LC50 QSAR | Fish    | 27.98 mg/l | 96 h          |

**Toxicity to aquatic invertebrates**

| Components | End point | Species | Value      | Exposure time |
|------------|-----------|---------|------------|---------------|
| Isobutane  | LC50 QSAR | Daphnid | 16.33 mg/l | 48 h          |



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|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  |  |  |
|--|--|--|--|--|

**Toxicity to aquatic plants**

| Components | End point    | Species     | Value     | Exposure time |
|------------|--------------|-------------|-----------|---------------|
| Isobutane  | EC50<br>QSAR | Green algae | 8.57 mg/l | 96 h          |

**Persistence and degradability**

| Component | Biodegradation | Exposure time | Summary                |
|-----------|----------------|---------------|------------------------|
| Isobutane | 70 %           | < 10 d        | Readily biodegradable. |

**Bioaccumulative potential**

| Component | Bioconcentration factor (BCF) | Partition Coefficient n-Octanol/water (log) |
|-----------|-------------------------------|---|
| Isobutane | 1.57 - 1.97                   | 2.8   |

**Mobility**

| Component | End point         | Value |
|-----------|-------------------|-------|
| Isobutane | No data available |       |

**PBT and vPvB assessment**

| Component | Results                              |
|-----------|--------------------------------------|
| Isobutane | Not fulfilling PBT and vPvB criteria |

**Other adverse effects** : None known.**13. DISPOSAL CONSIDERATIONS**

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

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**14. TRANSPORT INFORMATION**

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

|  | Land transport   | Sea transport  | Air transport  |
|--|--|--|--|
| UN number  | 1950   | 1950   | 1950   |
| UN proper shipping name  | Aerosols, Non-Flammable  | Aerosols, Non-Flammable  | Aerosols, Non-Flammable  |
| Transport hazard class(es)   | 2.2  | 2  | 2.2  |
| Packing group  | -  | -  | -  |
| Environmental hazards  | -  | -  | -  |
| Special precautions for user   | 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. |
| Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Product not transported as bulk.   | Product not transported as bulk.   | Product not transported as bulk.   |

**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).

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**California Prop. 65** : This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. OTHER INFORMATION

### HMIS Ratings

|              |   |
|--------------|---|
| Health       | 2 |
| Flammability | 1 |
| Reactivity   | 0 |

### NFPA Ratings

|            |   |
|------------|---|
| Health     | 2 |
| Fire       | 1 |
| Reactivity | 0 |
| Special    | - |

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) |
|-------------|--|

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