

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.**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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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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Components	CAS-No.	mg/m ³	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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Total VOC (wt. %)* : *as defined by US Federal and State Consumer Product Regulations**Other information** : None identified

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10. STABILITY AND REACTIVITY**Reactivity** : No dangerous reaction known under conditions of normal use.**Chemical stability** : Stable under recommended storage conditions.

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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 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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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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