

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

Version 1.1

Print Date 06/10/2020

Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product information**

- Product name** : Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)
- Recommended use** : Disinfectant
- 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 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
Aerosol	Category 1	Extremely flammable aerosol.
Eye irritation	Category 2B	Causes eye irritation.
Gases under pressure	Liquefied gas	Contains gas under pressure; may explode if heated.

**Labelling**

**Hazard symbols**

Flame  
Gas cylinder

**Signal word**

Danger

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### Hazard statements

Extremely flammable aerosol.  
Contains gas under pressure; may explode if heated.  
Causes 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. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
Protect from sunlight. Store in a well-ventilated place.  
Keep away from heat/sparks/open flames/hot surfaces. No smoking.  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.  
Wash hands thoroughly after handling.

**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

Chemical name	CAS-No.	Weight percent
Ethyl alcohol	64-17-5	30.00 - 60.00
Isobutane	75-28-5	10.00 - 30.00
Triethylene glycol	112-27-6	5.00 - 10.00
Propane	74-98-6	5.00 - 10.00
Alkyldimethylbenzylammonium Saccharinate	68989-01-5	0.10 - 1.00

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

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

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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.
- 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** : 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.
- Ingestion** : 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** : Aerosol Product - Containers may rocket or explode in heat of

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

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Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

**firefighting** 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.

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

**Methods and materials for containment and cleaning up** : If damage occurs to aerosol can:  
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).  
Use only non-sparking equipment.  
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.  
Use only as directed.  
KEEP OUT OF REACH OF CHILDREN AND PETS.  
Pressurized container.  
Do not pierce or burn, even after use.  
Wash thoroughly after handling.

**Advice on protection against fire and explosion** : Keep away from sources of ignition - No smoking.  
Do not spray on an open flame or other ignition source.

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

Version 1.1

Print Date 06/10/2020

Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

**Storage**

**Requirements for storage areas and containers** : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.  
Keep in a dry, cool and well-ventilated place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Ethyl alcohol	64-17-5	1,900 mg/m3	1,000 ppm	-	OSHA TWA
Ethyl alcohol	64-17-5	-	1,000 ppm	-	ACGIH STEL
Isobutane	75-28-5	-	1,000 ppm	-	ACGIH STEL
Propane	74-98-6	1,800 mg/m3	1,000 ppm	-	OSHA TWA
Propane	74-98-6	-	-	-	ACGIH TWA

**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.

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

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Revision Date 06/10/2020

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Form** : aerosol
- Color** : clear colourless
- Odour** : Marine/Ozone
- Odour Threshold** : Test not applicable for this product type
- pH** : Test not applicable for this product type
- Melting point/freezing point** : Test not applicable for this product type
- Initial boiling point and boiling range** : Test not applicable for this product type
- Flash point** : -18 °C  
-0.4 °F  
Propellant  
26 °C  
78.8 °F  
liquid
- Evaporation rate** : Test not applicable for this product type
- Flammability (solid, gas)** : not auto-flammable
- Upper/lower flammability or explosive limits** : Test not applicable for this product type
- Vapour pressure** : Test not applicable for this product type

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

Version 1.1

Print Date 06/10/2020

Revision Date 06/10/2020

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GEN\_SOF Number 69009

<b>Vapour density</b>	:	
<b>Relative density</b>	:	0.73 g/cm <sup>3</sup> at 20 °C
<b>Solubility(ies)</b>	:	dispersible
<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>	:	Test not applicable for this product type
<b>Viscosity, kinematic</b>	:	Test not applicable for this product type
<b>Oxidizing properties</b>	:	Test not applicable for this product type
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	:	58.4 % - additional exemptions may apply *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.

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



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Version 1.1

Print Date 06/10/2020

Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

- Possibility of hazardous reactions** : Stable under recommended storage conditions.
- Conditions to avoid** : Heat, flames and sparks.
- Incompatible materials** : Strong oxidizing agents
- Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

**11. TOXICOLOGICAL INFORMATION**

- Acute oral toxicity** : LD50 > 5000 mg/kg
- Acute inhalation toxicity** : LC50 > 10 mg/L
- Acute dermal toxicity** : LD50 > 5000 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/irritation	No classification proposed	-
Eye irritation	Category 2B	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-



**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

Version 1.1

Print Date 06/10/2020

Revision Date 06/10/2020

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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
Ethyl alcohol	LC50	Fish	11,200 mg/l	96 h
Isobutane	LC50 QSAR	Fish	27.98 mg/l	96 h
Triethylene glycol	static test LC50	Lepomis macrochirus	10,000 mg/l	96 h

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200

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Version 1.1

Print Date 06/10/2020

Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

Propane	LC50	Fish	27.98 mg/l	96 h
Alkyldimethylbenzylammonium Saccharinate	LC50	Fish	0.28 mg/l	96 h

**Toxicity to aquatic invertebrates**

Components	End point	Species	Value	Exposure time
Ethyl alcohol	static test LC50	Ceriodaphnia dubia	5,012 mg/l	48 h
	NOEC	Daphnia magna	9.6 mg/l	9 d
Isobutane	LC50 QSAR	Daphnid	16.33 mg/l	48 h
Triethylene glycol	static test EC50	Daphnia magna (Water flea)	> 10,000 mg/l	48 h
Propane	LC50	Daphnid	14.22 mg/l	48 h

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200


**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

Version 1.1

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Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

Alkyldimethylbenzylammonium Saccharinate	EC50	Daphnia (water flea)	0.016 mg/l	48 h

**Toxicity to aquatic plants**

Components	End point	Species	Value	Exposure time
Ethyl alcohol	Static EC50	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h
Isobutane	EC50 QSAR	Green algae	8.57 mg/l	96 h
Triethylene glycol	No data available			
Propane	No data available			
Alkyldimethylbenzylammonium Saccharinate	NOEC	Algae	0.009 mg/l	72 h

**Persistence and degradability**

Component	Biodegradation	Exposure time	Summary
Ethyl alcohol	97 %	28 d	Readily biodegradable.
Isobutane	70 %	< 10 d	Readily biodegradable.
Triethylene glycol	No data available		
Propane	70 %	< 10 d	Readily biodegradable.
Alkyldimethylbenzylammonium Saccharinate	60 %	13 d	Readily biodegradable.

**Bioaccumulative potential**

Component	Bioconcentration	Partition Coefficient n-
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**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200


**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

Version 1.1

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Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

	<b>factor (BCF)</b>	<b>Octanol/water (log)</b>
Ethyl alcohol	3.2 estimated	-0.35 Measured
Isobutane	1.57 - 1.97	2.8
Triethylene glycol	No data available	-1.75
Propane	No data available	2.36
Alkyldimethylbenzylammonium Saccharinate	No data available	No data available

**Mobility**

<b>Component</b>	<b>End point</b>	<b>Value</b>
Ethyl alcohol	No data available	
Isobutane	No data available	
Triethylene glycol	log Koc	1
Propane	No data available	
Alkyldimethylbenzylammonium Saccharinate	No data available	

**PBT and vPvB assessment**

<b>Component</b>	<b>Results</b>
Ethyl alcohol	Not fulfilling PBT and vPvB criteria
Isobutane	Not fulfilling PBT and vPvB criteria
Triethylene glycol	Not fulfilling PBT and vPvB criteria
Propane	Not fulfilling PBT and vPvB criteria
Alkyldimethylbenzylammonium Saccharinate	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.

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200


**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

Version 1.1

Print Date 06/10/2020

Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

**14. TRANSPORT INFORMATION**

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

	<b>Land transport</b>	<b>Sea transport</b>	<b>Air transport</b>
<b>UN number</b>	1950	1950	1950
<b>UN proper shipping name</b>	AEROSOLS, Flammable	AEROSOLS, Flammable	AEROSOLS, Flammable
<b>Transport hazard class(es)</b>	2.1	2	2.1
<b>Packing group</b>	-	-	-
<b>Environmental hazards</b>	-	-	-
<b>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>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****FIFRA Labeling**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

CAUTION:

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



**Scrubbing Bubbles® Multi-Purpose Disinfectant (EPA Reg. No. 4822-548)**

Version 1.1

Print Date 06/10/2020

Revision Date 06/10/2020

SDS Number 350000038426

GEN\_SOF Number 69009

CAUSES MODERATE EYE IRRITATION.

Avoid contact with eyes or clothing.

CONTENTS UNDER PRESSURE.

Contents under pressure. Do not use or store near heat, sparks or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a HIGHLY FLAMMABLE INGREDIENT. It may cause fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully. HIGHLY FLAMMABLE INGREDIENT. Exposure to temperatures above 120° F may cause bursting.

**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).

**16. OTHER INFORMATION**

**HMIS Ratings**

<b>Health</b>	2
<b>Flammability</b>	4
<b>Reactivity</b>	0

**NFPA Ratings**

<b>Health</b>	2
<b>Fire</b>	4
<b>Reactivity</b>	0
<b>Special</b>	-

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.

**Safety Data Sheet**

according to Hazard Communication Standard; 29 CFR 1910.1200



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Version 1.1

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Revision Date 06/10/2020

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**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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