

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 04/05/2022

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.

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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.
- 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

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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.

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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.

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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 |

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| | | |
|--|---|--|
| Vapour density | : | |
| Relative density | : | 0.73 g/cm ³ at 20 °C |
| Solubility(ies) | : | dispersible |
| Partition coefficient: n-octanol/water | : | Test not applicable for this product type |
| Auto-ignition temperature | : | not auto-flammable |
| Decomposition temperature | : | Test not applicable for this product type |
| Viscosity, dynamic | : | Test not applicable for this product type |
| Viscosity, kinematic | : | Test not applicable for this product type |
| Oxidizing properties | : | Test not applicable for this product type |
| Volatile Organic Compounds Total VOC (wt. %)* | : | 58.4 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations |
| Other information | : | None identified |

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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- 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 | - |

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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 |

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

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| | | | | |
|--|------|----------------------|------------|------|
| | | | | |
| 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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| | factor (BCF) | Octanol/water (log) |
|--|---------------------|----------------------------|
| 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

| Component | End point | Value |
|--|-------------------|--------------|
| 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

| Component | Results |
|--|--------------------------------------|
| 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.

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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, Flammable | AEROSOLS, Flammable | AEROSOLS, Flammable |
| Transport hazard class(es) | 2.1 | 2 | 2.1 |
| 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**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:

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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

| | |
|---------------------|---|
| Health | 2 |
| Flammability | 4 |
| Reactivity | 0 |

NFPA Ratings

| | |
|-------------------|---|
| Health | 2 |
| Fire | 4 |
| 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.

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Further information

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