

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



**SCRUBBING BUBBLES® MULTI SURFACE BATHROOM CLEANER
FOAMING DISINFECTANT (FRESH CITRUS)**

Version 1.1

Print Date 03/04/2015

Revision Date 02/24/2015

SDS Number 350000021604

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : **SCRUBBING BUBBLES® MULTI SURFACE BATHROOM
CLEANER FOAMING DISINFECTANT (FRESH CITRUS)**

Recommended use : Disinfectant

**Manufacturer, importer,
supplier** : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +18005585252
**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

Chemical Name	CAS-No.	Weight percent
Alcohols, C10-14, ethoxylated	66455-15-0	1.00 - 5.00
Lactic Acid	79-33-4	1.00 - 5.00

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.

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4. FIRST AID MEASURES

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

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.
- 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** : Avoid contact with skin, eyes and clothing.

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handling 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 : transparent light yellow

Odor : mild

Odour Threshold : Test not applicable for this product type

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- pH** : 2.4

- 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** : > 95 °C
> 203 °F
Method: Tag Closed Cup (TCC)

- 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** : 1.0043 g/cm³ at 20 C

- Solubility(ies)** : soluble

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

- Auto-ignition temperature** : The substance or mixture is not classified as self heating.

- Decomposition temperature** : Test not applicable for this product type

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- 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. %)*** : 0.1 % - additional exemptions may apply
*as defined by US Federal and State Consumer Product Regulations
- Other information** : None identified :

10. STABILITY AND REACTIVITY

- 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.

11. TOXICOLOGICAL INFORMATION

- Emergency Overview** : This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.
- Acute oral toxicity** : LD50 Oral Measured > 5,000 mg/kg
- Acute inhalation toxicity** : LC50

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Measured
5.06 mg/l

Acute dermal toxicity : LD50 Dermal
Measured
> 5,000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	-
Skin corrosion/irritation	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
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.

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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
Alcohols, C10-14, ethoxylated	No data available			
Lactic Acid	static test LC50	Oncorhynchus mykiss (rainbow trout)	100 - 180 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alcohols, C10-14, ethoxylated	No data available			
Lactic Acid	static test EC50	Daphnia magna (Water flea)	130 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alcohols, C10-14, ethoxylated	No data available			
Lactic Acid	static test EC50	Pseudokirchneriella subcapitata (green algae)	> 2,800 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alcohols, C10-14, ethoxylated	No data available		

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Lactic Acid	67 %	20 d	
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Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alcohols, C10-14, ethoxylated	690.9 estimated	4.98
Lactic Acid	No data available	-0.62

Mobility

Component	End point	Value
Alcohols, C10-14, ethoxylated	No data available	
Lactic Acid	log Koc	< 1.32

PBT and vPvB assessment

Component	Results
Alcohols, C10-14, ethoxylated	Not fulfilling PBT and vPvB criteria
Lactic Acid	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.

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.

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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

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:

Causes moderate eye irritation.

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 does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Registration # / Agency

4822-592/US/EPA

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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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