

## Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



## SCRUBBING BUBBLES® HEAVY DUTY FRESH BRUSH®

Version 1.0

Print Date 11/23/2017

Revision Date 05/24/2017

SDS Number 350000023545

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

**Product name** : SCRUBBING BUBBLES® HEAVY DUTY FRESH BRUSH®

**Recommended use** : Toilet Cleaner

**Restrictions on use** : Use only as directed on label

**Manufacturer, importer, supplier** : S.C. Johnson and Son, Limited  
1 Webster Street  
Brantford ON N3T 5R1

**Telephone** : +1-800-558-5566

**Emergency telephone number** : 24 Hour Transport & Medical Emergency Phone (866) 231-5406  
24 Hour International Emergency Phone (952) 852-4647  
24 Hour Canadian Transport Emergency Phone (CANUTEC)  
(613) 996-6666

### 2. HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

#### Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Skin irritation	Category 2	Causes skin irritation.
Eye irritation	Category 2B	Causes eye irritation.

#### Labelling

#### Signal word

Warning

#### Hazard statements

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.

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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.  
Wash hands thoroughly after handling.

**Other hazards** : None identified

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by Canadian Hazardous Products Regulation are listed in this table.

Chemical name	CAS-No.	Weight percent
Sodium C14-17 Alkyl Sec Sulfonate	Mixture 68608-26-4	7.00 - 10.00
Lactic Acid	79-33-4	5.00 - 7.00
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	9043-30-5	1.50 - 3.00
Fragrance - Trade Secret	Mixture	1.00 - 1.50

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 : No adverse effects expected when used as directed.

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

Inhalation : No adverse effects expected when used as directed.

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.

**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.

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**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.

## 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.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form** : Liquid absorbed by inert carrier material

**Color** : blue

**Odour** : characteristic

**Odour Threshold** : No data available

**pH** : 2.0 - 2.5  
at (25 °C)

**Melting point/freezing point** : No data available

**Initial boiling point and boiling range** : Not applicable

**Flash point** : Not applicable

**Evaporation rate** : No data available

**Flammability (solid, gas)** : No data available

**Upper/lower flammability or explosive limits** : No data available

**Vapour pressure** : Not applicable

**Vapour density** : No data available

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<b>Relative density</b>	:	Not applicable
<b>Solubility(ies)</b>	:	negligible
<b>Partition coefficient: n-octanol/water</b>	:	No data available
<b>Auto-ignition temperature</b>	:	No data available
<b>Decomposition temperature</b>	:	No data available
<b>Viscosity, dynamic</b>	:	not determined
<b>Viscosity, kinematic</b>	:	No data available
<b>Oxidizing properties</b>	:	No data available
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	:	0.5 % - 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>	:	Do not mix with bleach or any other household cleaners.
<b>Chemical stability</b>	:	Stable under recommended storage conditions.

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- 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

- Acute oral toxicity** : LD50 910 mg/kg
- Acute inhalation toxicity** : LC50 > 10 mg/L
- Acute dermal toxicity** : LD50 2220 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 irritation	Category 2	-
Eye irritation	Category 2B	-
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
Sodium C14-17 Alkyl Sec Sulfonate	LC50	Danio rerio (zebra fish)	1 - 10 mg/l	96 h
Lactic Acid	static test LC50	Oncorhynchus mykiss (rainbow trout)	100 - 180 mg/l	96 h



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Component	Test Method	Species	Concentration	Exposure Time
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	LC50 OECD Test Guideline 203	Danio rerio (zebra fish)	1 - 10 mg/l	96 h
Fragrance - Trade Secret	No data available			

#### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Sodium C14-17 Alkyl Sec Sulfonate	EC50	Daphnia magna (Water flea)	9.81 mg/l	48 h
Lactic Acid	static test EC50	Daphnia magna (Water flea)	130 mg/l	48 h
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	EC50 OECD Test Guideline 202	Daphnia (water flea)	7.07 mg/l	48 h
Fragrance - Trade Secret	No data available			

#### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure
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				<b>time</b>
Sodium C14-17 Alkyl Sec Sulfonate	EC50	Desmodesmus subspicatus (green algae)	> 61 mg/l	72 h
Lactic Acid	static test EC50	Pseudokirchneriella subcapitata (green algae)	> 2,800 mg/l	72 h
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	EC50	Desmodesmus subspicatus (green algae)	> 10 mg/l	72 h
Fragrance - Trade Secret	No data available			

#### Persistence and degradability

<b>Component</b>	<b>Biodegradation</b>	<b>Exposure time</b>	<b>Summary</b>
Sodium C14-17 Alkyl Sec Sulfonate			
Lactic Acid	67 %	20 d	
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	79 %	28 d	Readily biodegradable.
Fragrance - Trade Secret	No data available		

#### Bioaccumulative potential

<b>Component</b>	<b>Bioconcentration factor (BCF)</b>	<b>Partition Coefficient n-Octanol/water (log)</b>
Sodium C14-17 Alkyl Sec Sulfonate	No data available	No data available
Lactic Acid	No data available	-0.62
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	No data available	3.59
Fragrance - Trade Secret	No data available	No data available

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### Mobility

Component	End point	Value
Sodium C14-17 Alkyl Sec Sulfonate	No data available	
Lactic Acid	log Koc	< 1.32
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	No data available	
Fragrance - Trade Secret	No data available	

### PBT and vPvB assessment

Component	Results
Sodium C14-17 Alkyl Sec Sulfonate	Not fulfilling PBT and vPvB criteria
Lactic Acid	Not fulfilling PBT and vPvB criteria
Ethoxylated Isotridecyl Alcohol (EO # Unknown)	Not fulfilling PBT and vPvB criteria
Fragrance - Trade Secret	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

- 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.
- Canada Regulations** : This product has been classified in accordance with the hazard criteria of the Hazardous Products Act and Regulations.

## 16. OTHER INFORMATION

### HMIS Ratings

Health	2
Flammability	0
Reactivity	0

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**NFPA Ratings**

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

This information is being provided in accordance with Canada's Workplace Hazard Material Information System. 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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