

Safety Data

according to Hazard Communication Standard; 29 CFR 1910.1200



Scrubbing Bubbles Easy Clean Foaming Toilet Cleaner

Version 1.0

Print Date 12/16/2024

Revision Date 05/07/2024

SDS Number 350000044079
GEN_SOF Number 78809

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : Scrubbing Bubbles Easy Clean Foaming Toilet Cleaner

Recommended use : Toilet Cleaner

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

Telephone : +1 8005585252

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
Eye irritation	Category 2A	Causes serious eye irritation.

Labelling

Hazard symbols

Exclamation mark

Signal word

Warning

Hazard statements

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.

Wash hands thoroughly after handling.

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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.

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Wash hands thoroughly after handling.

Other hazards : May form combustible dust concentrations in air (during processing)

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Citric acid	77-92-9	30.00 - 60.00
Sodium Bicarbonate	144-55-8	30.00 - 60.00
Sodium carbonate	497-19-8	10.00 - 30.00
Sodium (C14-16) olefin sulfonate	68439-57-6	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.

4. 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

5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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Specific hazards during firefighting : Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

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 : Avoid breathing dust.
Avoid dust formation.
Wash thoroughly after handling.

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

Methods and materials for containment and cleaning up : Sweep up and shovel into suitable containers for disposal.
Clean residue from spill site.
Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration.
Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).
Use only non-sparking equipment.

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.
Minimize dust generation and accumulation.
Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.

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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

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Sodium carbonate	497-19-8	10 mg/m3	-	-	SUPPLIER

Personal protective equipment

Respiratory protection : Use only with adequate ventilation.
Substantial amounts of dust can be controlled with local exhaust ventilation or respiratory protection.
Dust safety masks are recommended when the dust concentration is more than 10 mg/m3.

Hand protection : No special requirements.

Eye protection : Safety glasses with side-shields

Skin and body protection : No special requirements.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Substantial amounts of dust can be controlled with local exhaust
The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: powder
Color	: off-white
Odor	: Marine
Odour Threshold	: Test not applicable for this product type
pH	: 5.8 at (20 °C) 5% solution
Melting point/freezing point	: > 200 °C
Initial boiling point and boiling range	: > 100 °C
Flash point	: Not required as mixture is a solid
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Does not sustain combustion.
Upper/lower flammability or explosive limits	: Not required as mixture is a solid
Vapour pressure	: Not measured as flashpoint >100 °C
Vapour density	: Not required as mixture is a solid

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Relative density	: 0.91 g/cm3 at 20 °C	
Solubility(ies)	: soluble	
Partition coefficient: n-octanol/water	: Not required as the product is a mixture.	
Auto-ignition temperature	: Not required as mixture is a solid	
Decomposition temperature	: Not measured as mixture is not self-reactive	
Viscosity, dynamic	: Not required as mixture is a solid	
Viscosity, kinematic	: Not required as mixture is a solid	
Oxidizing properties	: Not required	
Volatile Organic Compounds Total VOC (wt. %)*	: 1.1 % - 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.
Possibility of hazardous reactions	: If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.

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Conditions to avoid : Direct sources of heat.

Incompatible materials : Do not mix with bleach or any other household cleaners.
Strong bases

Hazardous decomposition products : Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Emergency Overview : Warning

Acute oral toxicity : LD50 3613 mg/kg

Acute inhalation toxicity : LC50 5 mg/L

Acute dermal toxicity : LD50 2133 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 2A	-
Skin sensitisation	No classification proposed	-
Respiratory	No classification proposed	-

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sensitisation		
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
Citric acid	static test LC50 OECD Test Guideline 203	Leuciscus idus (Golden orfe)	440 mg/l	48 h
Sodium Bicarbonate	EC50 Measured	Lepomis macrochirus (Bluegill sunfish) Lepomis	300 mg/l 7,100 mg/l	96 h 96 h

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	flow-through test LC50	macrochirus		
Sodium carbonate	static test LC50	Lepomis macrochirus	300 mg/l	96 h
Sodium (C14-16) olefin sulfonate	static test LC50	Danio rerio (zebra fish)	4.2 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Citric acid	EC50	Daphnia magna (Water flea)	1,535 mg/l	24 h
Sodium Bicarbonate	EC50 EC50	Daphnia magna (Water flea) Daphnia magna (Water flea)	2,350 mg/l 200 mg/l	48 h 48 h
Sodium carbonate	semi-static test EC50	Ceriodaphnia sp.	200 - 227 mg/l	48 h
Sodium (C14-16) olefin sulfonate	static test EC50	Ceriodaphnia sp.	4.53 mg/l	48 h

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	semi-static test NOEC	Daphnia magna	6.3 mg/l	21 d
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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Citric acid	NOEC	Algae	425 mg/l	8 d
Sodium Bicarbonate	No data available			
Sodium carbonate	No data available			
Sodium (C14-16) olefin sulfonate	static test EC50	Skeletonema costatum	5.2 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Citric acid	97 %	28 d	Readily biodegradable.
Sodium Bicarbonate	No data available		
Sodium carbonate	No data available		
Sodium (C14-16) olefin sulfonate	96 %	28 d	Readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Citric acid		-1.72
Sodium Bicarbonate	0.91 estimated0.91	-0.46
Sodium carbonate	No data available	No data available
Sodium (C14-16) olefin sulfonate	70.8	-1.3

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Mobility

Component	End point	Value
Citric acid		-
Sodium Bicarbonate	No data available	
Sodium carbonate	No data available	
Sodium (C14-16) olefin sulfonate	log Koc	0.206

PBT and vPvB assessment

Component	Results
Citric acid	Not fulfilling PBT and vPvB criteria
Sodium Bicarbonate	Not fulfilling PBT and vPvB criteria
Sodium carbonate	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.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

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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.
- California Prop. 65** : This product is not subject to the reporting requirements under California's Proposition 65.

16. OTHER INFORMATION

Refer to NFPA 652, Standard of the Fundamentals of Combustible Dust and NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids, for safe handling.

HMIS Ratings

Health	2
Flammability	0
Reactivity	0

NFPA Ratings

Health	2
Fire	0
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)
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