

Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1200



SCRUBBING BUBBLES® BATHROOM CLEANER- ORANGE ACTION®

Version 1.0

Print Date 03/04/2011

Revision Date 10/06/2009

MSDS Number 350000013927
SITE_FORM Number
30000000000000010837.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

- Trade name : SCRUBBING BUBBLES® BATHROOM CLEANER- ORANGE ACTION®
- Use of the Substance/Mixture : Hard Surface Cleaner
- Company : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
- Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance / Odor : Colorless / liquid / pleasant

Immediate Concerns

: Caution
CAUSES EYE IRRITATION.
Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.

Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May cause:
Moderate eye irritation

Skin : May cause skin irritation.

Inhalation : May cause respiratory tract irritation.

Ingestion : May cause abdominal discomfort.
May cause irritation to mouth, throat and stomach.

Aggravated Medical Condition : Persons with pre-existing skin disorders may be more susceptible to irritating effects.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Water	7732-18-5	60.00 - 100.00
Lactic Acid	79-33-4	1.00 - 5.00
Alkyl polyglycoside	68515-73-1	1.00 - 5.00

4. FIRST AID MEASURES

- Eye contact : Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention if irritation develops and persists.
- Skin contact : Wash off with soap and water. Get medical attention if irritation develops and persists.
- Inhalation : Remove to fresh air. If breathing is affected, get medical attention.
- Ingestion : Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog
- Specific hazards during fire fighting : Container may melt and leak in heat of fire.
- Further information : Wear full protective clothing and positive pressure self-contained breathing apparatus. Standard procedure for chemical fires.
- Flash point : ≥ 95 °C
Method: ASTM D 56
- Flash point : ≥ 200 °F
Method: ASTM D 56
- Lower explosion limit : Note: not applicable
- Upper explosion limit : Note: not applicable

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6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up : Soak up with inert absorbent material.
Sweep up and shovel into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid contact with skin, eyes and clothing.
Avoid breathing vapors, mist or gas.

Storage

Requirements for storage areas and containers : Keep in a dry, cool and well-ventilated place.

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

Industrial setting : Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
Household setting : No personal respiratory protective equipment normally required.

Hand protection

Industrial setting : For prolonged or repeated contact use protective gloves.
Household setting : not required under normal use

Eye protection

Industrial setting : If prolonged or repeated contact is possible:

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Safety glasses with side-shields

Household setting : No special requirements.

Hygiene measures : Use only with adequate ventilation. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: liquid
Color	: Colorless
Odor	: pleasant
pH	: 2.2
Boiling point	: no data available
Freezing point	: no data available
Flash point	: ≥ 95 °C Method: ASTM D 56
Flash point	: ≥ 200 °F Method: ASTM D 56
Evaporation rate	: no data available
Autoignition temperature	: not applicable
Lower explosion limit	: not applicable
Upper explosion limit	: not applicable
Vapour pressure	: no data available
Density	: no data available
Water solubility	: completely soluble
Viscosity, kinematic	: similar to water
Volatile Organic Compounds (California Air Resource)	: 0.1 % - does not include any applicable regulatory exemptions

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Board – CARB)
Total VOC (wt. %)

10. STABILITY AND REACTIVITY

- Conditions to avoid : None known.
- Materials to avoid : Do not mix with bleach or any other household cleaners.
Avoid contact with:
Strong bases
- Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.
- Hazardous reactions : Stable

11. TOXICOLOGICAL INFORMATION

- Acute oral toxicity : LD50
Calculated
> 5 g/kg
- Acute inhalation toxicity : no data available
- Acute dermal toxicity : LD50
estimated
> 2,000 mg/kg
- Chronic effects**
- Carcinogenicity : no data available
- Mutagenicity : no data available
- Reproductive effects : no data available
- Teratogenicity : no data available
- Sensitisation : Not known to be a sensitizer.

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12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

13. DISPOSAL CONSIDERATIONS

Industrial setting : Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.

Household setting : Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Land transport

▪ **U.S. DOT and Canadian TDG Surface Transportation:**

UN-Number : None.
Proper shipping name : not regulated
Class: : None.
Packaging group : None.

Sea transport

▪ **IMDG:**

UN-Number: : None.
Packaging group: : None.
Proper shipping name : not regulated
Class: : None.

Air transport

▪ **ICAO/IATA:**

Class: : None.
Packaging group: : None.
Proper shipping name : not regulated
UN/ID No.: : None.

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.

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- 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 the State of California to cause cancer, birth, or any other reproductive defects.
- Canada Regulations : This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	0
Reactivity	0

NFPA Ratings

Health	2
Fire	0
Reactivity	0
Special	

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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