

Material Safety Data Sheet

according to ANSI Z400.1- 2004 and 29 CFR 1910.1226



SCRUBBING BUBBLES® ONE STEP TOILET BOWL CLEANER – FRESH MOUNTAIN MORNING TM

Version 1.0

Print Date 04/15/2011

Revision Date 02/21/2011

MSDS Number 350000017028

SITE_FORM Number

3000000000000012590.001

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

- Trade name : SCRUBBING BUBBLES® ONE STEP TOILET BOWL CLEANER – FRESH MOUNTAIN MORNING TM
- Use of the Substance/Mixture : Toilet Cleaner
- Company : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236
- Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance / Odor : colourless to light yellow / aerosol / pleasant

Immediate Concerns

: Caution
Avoid contact with skin, eyes and clothing.
Keep away from heat, sparks and flame.
Contents under pressure.
Do not puncture or incinerate.
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

Potential Health Effects

- Exposure routes : Eye, Skin, Inhalation, Ingestion.
- Eyes : May cause:
Mild eye irritation
- Skin : Prolonged or repeated contact may dry skin and cause irritation.
- Inhalation : No adverse effects expected when used as directed.
- Ingestion : May cause irritation to mouth, throat and stomach.
May cause abdominal discomfort.
- 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

Hazardous chemicals present at or above reportable levels as defined by OSHA 29 CFR 1910.1200 or the Canadian Controlled Products Regulations are listed in this table:

Chemical Name	CAS-No.	Weight percent
Disodium ethanoldiglycinate	135-37-5	1.00 - 5.00
Propylene glycol	57-55-6	1.00 - 5.00
Secondary ethoxylated alcohol	84133-50-6	1.00 - 5.00

For additional information on product ingredients, see www.whatsinsidescjohnson.com.

4. FIRST AID MEASURES

- Eye contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.
- Skin contact : Rinse with plenty of water. Get medical attention if irritation develops and persists.
- Inhalation : Remove to fresh air. If breathing is affected, get medical attention.
- Ingestion : Rinse mouth with water.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during fire fighting : Aerosol Product - Containers may rocket or explode in heat of fire. Container may melt and leak in heat of 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.
- Flash point : Note: does not flash

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Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

NFPA Classification : NFPA Level 1 Aerosol

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove all sources of ignition.
Wear personal protective equipment.

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

Methods for cleaning up : Soak up with inert absorbent material.
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).
Sweep up and shovel into suitable containers for disposal.
Use only non-sparking equipment.
Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Do not puncture or incinerate.
Avoid breathing vapors, mist or gas.
Do not spray toward face.
Do not use in areas without adequate ventilation.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.

Advice on protection against fire and explosion : Keep away from heat and sources of ignition.

Storage

Requirements for storage areas and containers : Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.
Keep in a dry, cool and well-ventilated place.

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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 : No personal respiratory protective equipment normally required.

Household setting : Use only with adequate ventilation.

Hand protection : No special requirements.

Eye protection

Industrial setting : No special requirements.

Household setting : Avoid contact with eyes.

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 : aerosol
- Color : colourless to light yellow
- Odor : pleasant
- pH : 10.0 - 11.4
- Boiling point : no data available
- Freezing point : no data available
- Flash point : does not flash

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Evaporation rate	:	no data available
Flammability (solid, gas)	:	Does not sustain combustion.
Autoignition temperature	:	no data available
Lower explosion limit	:	no data available
Upper explosion limit	:	no data available
Vapour pressure	:	no data available
Density	:	1.0279 g/cm ³ at 22 °C
Water solubility	:	completely soluble
Viscosity, dynamic	:	no data available
Volatile Organic Compounds (California Air Resource Board – CARB) Total VOC (wt. %)	:	0.1 % - does not include any applicable regulatory exemptions

10. STABILITY AND REACTIVITY

Conditions to avoid	:	Heat, flames and sparks.
Materials to avoid	:	Strong acids Do not mix with bleach or any other household cleaners.
Hazardous decomposition products	:	Thermal decomposition can lead to release of irritating gases and vapours.
Hazardous reactions	:	Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD50 Measured > 5,000 mg/kg
Acute inhalation toxicity	:	LC50 Measured 2.27 mg/l No adverse effects expected when used as directed.

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Acute dermal toxicity	: LD50 Measured 5,000 mg/kg
Chronic effects	
Carcinogenicity	: no data available
Mutagenicity	: no data available
Reproductive effects	: no data available
Teratogenicity	: no data available
Sensitisation	: Substance is not a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects : no data available

13. DISPOSAL CONSIDERATIONS

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

Proper shipping name UN 1950 AEROSOLS, non-flammable, 2.2

Class: 2.2

UN number 1950

Packaging group: None.

Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

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Sea transport

- *IMDG:*
 Proper shipping name UN 1950 AEROSOLS, non-flammable, 2.2
 Class: 2
 UN number: 1950
 Packaging group: None.
 EmS: F-D, S-U
 Note: Limited quantities derogation may be applicable to this product,
 please check transport documents.

Air transport

- *ICAO/IATA:*
 Proper shipping name UN 1950 AEROSOLS, non-flammable, 2.2
 Class: 2.2
 UN/ID No.: UN 1950
 Packaging group: None.
 Note: SC Johnson typically does not ship products via air, therefore it has
 not been determined if the product container meets current
 IATA/ICAO package criteria. Refer to IATA/ICAO Dangerous Goods
 Regulations for detailed instructions when shipping this item by air.

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 is not subject to the reporting requirements under
 California's Proposition 65.
- 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	1
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Flammability	0
Reactivity	0

NFPA Ratings

Health	1
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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