

# Material Safety Data Sheet

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



## ANTIBACTERIAL SCRUBBING BUBBLES® XXI BATHROOM CLEANER - FRESH CLEAN SCENT

Version 2.2

Print Date 09/03/2009

Revision Date 09/02/2009

MSDS Number 350000004383  
SITE\_FORM Number  
30000000000000003704.001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

Trade name : ANTIBACTERIAL SCRUBBING BUBBLES® XXI BATHROOM CLEANER - FRESH CLEAN SCENT

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 : clear yellow / aerosol / pleasant

#### Immediate Concerns

: Caution  
MAY CAUSE IRRITATION.  
Contents under pressure. Do not puncture or incinerate. Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst. Keep away from heat, sparks and flame.

#### Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : May irritate eyes.

Skin : May irritate skin.

Inhalation : May cause nose, throat, and lung irritation.

Ingestion : May cause abdominal discomfort.

Aggravated Medical Condition : None known.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Water	7732-18-5	60.00 - 100.00

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Isobutane	75-28-5	5.00 - 10.00
Diethylene glycol monobutyl ether	112-34-5	5.00 - 10.00
Tetrasodium ethylene diamine tetraacetate	64-02-8	1.00 - 5.00
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	68956-79-6	0.11
Alkyl dimethyl benzyl ammonium chloride	68391-01-5	0.11

### 4. FIRST AID MEASURES

- Eye contact : Flush immediately with plenty of water for at least 15 to 20 minutes. Remove contact lenses. Get medical attention immediately.
- 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 : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person.

### 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Alcohol foam, carbon dioxide, dry chemical, water fog
- Further information : Aerosol Product - Containers may rocket or explode in heat of fire. Cool and use caution when approaching or handling fire-exposed containers. Wear full protective clothing and positive pressure self-contained breathing apparatus. Fight fire from maximum distance or protected area.
- Flash point : < 20 °F  
Note: Propellant
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

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NFPA Classification : NFPA Level 1 Aerosol

### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Remove all sources of ignition.
- Environmental precautions : Use appropriate containment to avoid environmental contamination.
- 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.  
Do not puncture or incinerate.  
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 : Keep in a dry, cool and well-ventilated place.  
Do not store at temperatures above 120 Deg. F (50 Deg C), as container may burst.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Basis
Isobutane	75-28-5	-	1,000 ppm	ACGIH TWA
Diethylene glycol monobutyl ether	112-34-5	-	35 ppm	SUPPLIER

#### Personal protective equipment

#### Respiratory protection

Industrial setting : Substantial amounts of mist/vapors can be controlled with

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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:  
Safety glasses with side-shields

Household setting : No special requirements.

**Hygiene measures** : Use only with adequate ventilation. Wash thoroughly after handling. Wear suitable protective clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form : aerosol

Color : clear yellow

Odor : pleasant

pH : 11.0

Boiling point : no data available

Freezing point : no data available

Flash point : < 20 °F  
Propellant

Evaporation rate : no data available

Autoignition temperature : no data available

Lower explosion limit : no data available

Upper explosion limit : no data available

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Vapour pressure	:	no data available
Water solubility	:	completely soluble
Partition coefficient: n- octanol/water	:	no data available
Viscosity, dynamic	:	no data available

#### 10. STABILITY AND REACTIVITY

Conditions to avoid	:	Heat, flames and sparks.
Materials to avoid	:	Do not mix with oxidizing agents. Strong acids
Hazardous decomposition products	:	When exposed to fire, produces normal products of combustion.
Hazardous reactions	:	Stable

#### 11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	:	LD50 estimated 5,000 mg/kg
Acute inhalation toxicity	:	LC50 estimated 2.27 mg/l
Acute dermal toxicity	:	LD50 estimated 5,000 mg/kg
<b>Chronic effects</b> Carcinogenicity	:	no data available
Mutagenicity	:	no data available
Reproductive effects	:	no data available

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Teratogenicity : no data available

Sensitisation : Not known to be a sensitizer.

### 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 1950  
Proper shipping name Aerosols, flammable  
Class: 2.1  
Packaging group: None.

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

#### Sea transport

▪ **IMDG:**

Class: 2.1  
Packaging group: None.  
Proper shipping name Aerosols, flammable  
UN-Number: 1950

Note: SC Johnson ships this product as "Limited Quantity" when the container quantity value is 1 Liter or less.

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### Air transport

▪ ICAO/IATA:

Class: 2.1  
Packaging group: None.  
Proper shipping name: Aerosols, flammable  
UN/ID No.: UN 1950

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
Flammability	4
Reactivity	0

#### NFPA Ratings

Health	1
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<b>Fire</b>	4
<b>Reactivity</b>	0
<b>Special</b>	

**Further information**

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Prepared by:	SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)
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