

# 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 1.

Print Date 01/27/2009

Revision Date 01/22/2009

MSDS Number 350000004383

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### Product information

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

Use of the Substance/Preparation Company : Hard Surface Cleaner  
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

Routes of exposure : 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 %
Water	7732-18-5	60.00 - 100.00
Isobutane	75-28-5	5.00 - 10.00

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Diethylene glycol monobutyl ether	112-34-5	5.00 - 10.00
Tetrasodium ethylenediaminetetraacetate	64-02-8	1.00 - 5.00
Trisodium nitrilotriacetate	5064-31-3	0.10 - 1.00
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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### 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

#### 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

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

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Viscosity, dynamic : no data available  
Specific Gravity : 1.04  
Percent volatile : not determined

## 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 rat  
Dose: estimated 5,000 mg/kg  
Acute inhalation toxicity : LC50 rat  
Dose: 2.27 mg/l  
Acute dermal toxicity : LD50  
Dose: estimated 5,000 mg/kg  
**Chronic effects**  
Carcinogenicity : no data available  
Mutagenicity : no data available  
Teratogenicity : no data available  
Sensitisation : Not known to be a sensitizer.

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects** : Not Available

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### 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.

#### 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.

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### 15. REGULATORY INFORMATION

#### Global Chemical Inventories

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.

: 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.  
: 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.

EPA Registration Number : 4822-547

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	1
Flammability	4
Reactivity	0

#### NFPA Ratings

Health	1
Fire	4

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<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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