

**Material Safety Data Sheet**

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



**ANTIBACTERIAL SCRUBBING BUBBLES® XXI BATHROOM CLEANER - LEMON**

Version 5.0

Print Date 08/22/2012

Revision Date 04/27/2012

MSDS Number 350000004381  
SITE\_FORM Number  
30000000000000003702.004

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product information**

- Trade name : ANTIBACTERIAL SCRUBBING BUBBLES® XXI BATHROOM CLEANER - LEMON
  
- Use of the Substance/Mixture : Disinfectant
- Company : S.C. Johnson & Son, Inc.  
1525 Howe Street  
Racine WI 53403-2236
  
- Emergency telephone number : 24 Hour Medical Emergency Phone: (866)231-5406  
24 Hour International Emergency Phone: (703)527-3887  
24 Hour Transport Emergency Phone: (800)424-9300

**2. HAZARDS IDENTIFICATION**

**Emergency Overview**

Appearance / Odor : yellow / aerosol / pleasant

**Immediate Concerns**

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

**Potential Health Effects**

- Exposure routes : Eye, Skin, Inhalation, Ingestion.
  
- Eyes : May cause eye irritation.
  
- Skin : Prolonged or repeated contact may dry skin and cause irritation.
  
- Inhalation : May cause nose, throat, and lung irritation.
  
- Ingestion : May cause irritation to mouth, throat and stomach.  
May cause abdominal discomfort.
  
- Aggravated Medical : Persons with pre-existing skin disorders may be more

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Condition

susceptible to irritating effects.  
Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc. may be more susceptible to irritating effects

#### 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
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 benzyl ammonium chloride	68391-01-5	0.10 - 1.00
Alkyl dimethyl ethyl benzyl ammonium chloride (C12-14)	68956-79-6	0.10 - 1.00

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

#### 4. FIRST AID MEASURES

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

## Material Safety Data Sheet

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



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## 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting : Aerosol Product - Containers may rocket or explode 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 : < -7 °C  
< 19.4 °F  
Note: Propellant
- 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 : 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).  
Use only non-sparking equipment.  
Clean residue from spill site.

## 7. HANDLING AND STORAGE

### Handling

- Advice on safe handling : Avoid contact with skin, eyes and clothing.  
Do not puncture or incinerate.

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Avoid breathing vapors, mist or gas.  
For personal protection see section 8.  
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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

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

### Personal protective equipment

**Respiratory protection** : Use only with adequate ventilation.

**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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	:	aerosol
Color	:	yellow
Odor	:	pleasant
pH	:	12.3
Boiling point	:	no data available
Freezing point	:	no data available
Flash point	:	< -7 °C < 19.4 °F Propellant
Evaporation rate	:	no data available
Flammability (solid, gas)	:	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
Density	:	0.95 - 1.05 g/cm <sup>3</sup>
Water solubility	:	completely soluble
Partition coefficient: n-octanol/water	:	no data available
Viscosity, dynamic	:	no data available
Volatile Organic Compounds Total VOC (wt. %)*	:	6.1 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

## 10. STABILITY AND REACTIVITY

Conditions to avoid : Heat, flames and sparks.

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- Materials to avoid : Strong acids  
Strong oxidizing agents
- 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  
estimated  
5,000 mg/kg

Acute inhalation toxicity : LC50  
estimated  
2.27 mg/l

Acute dermal toxicity : LD50  
estimated  
5,000 mg/kg

### Chronic effects

Carcinogenicity : None Anticipated

Mutagenicity : None Anticipated

Reproductive effects : None Anticipated

Teratogenicity : no data available

Sensitisation : no data available

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## 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, Flammable, 2.1  
Class: 2.1  
UN number 1950  
Packaging group: None.  
Note: Limited quantities derogation may be applicable to this product, please check transport documents.

### Sea transport

#### ▪ IMDG:

Proper shipping name UN 1950 AEROSOLS, Flammable, 2.1  
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, Flammable, 2.1  
Class: 2.1  
UN/ID No.: UN 1950  
Packaging group: None.  
Note: SC Johnson typically does not ship products via air. Refer to IATA/ICAO Dangerous Goods Regulations for detailed instructions

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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.
- Registration # / Agency**  
4822-547/US/EPA

### 16. OTHER INFORMATION

#### HMIS Ratings

Health	1
Flammability	4
Reactivity	0

#### NFPA Ratings

Health	1
Fire	4
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.



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