

Material Safety Data Sheet

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



SC JOHNSON PROFESSIONAL™ ACIDIC TOILET BOWL CLEANER

Version 2.0

Print Date 11/04/2010

Revision Date 07/29/2010

MSDS Number 350000015673

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : SC JOHNSON PROFESSIONAL™ ACIDIC TOILET BOWL CLEANER

Use of the Substance/Mixture : Toilet 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 : blue / liquid / mild

Immediate Concerns

: Danger
Corrosive
CAUSES EYE AND SKIN BURNS
HARMFUL OR FATAL IF SWALLOWED.
Avoid contact with skin, eyes and clothing.
Avoid breathing vapors, mist or gas.
Do not mix with bleach or any other household cleaners.

Potential Health Effects

Exposure routes : Eye, Skin, Inhalation, Ingestion.

Eyes : Corrosive - causes irreversible eye damage.
May cause blindness.

Skin : Corrosive to skin
Causes burns.

Inhalation : Corrosive to respiratory system

Ingestion : Causes severe digestive tract burns.

Aggravated Medical Condition : None known.

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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
Hydrochloric acid	7647-01-0	5.00 - 10.00

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

4. FIRST AID MEASURES

- Eye contact : Protect unharmed eye. Remove contact lenses. Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention immediately.
- Skin contact : Flush immediately with plenty of water for at least 15 to 20 minutes. Get medical attention immediately. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse.
- Inhalation : Remove to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.
- Ingestion : If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention immediately. Rinse mouth with water. Give small amounts of water to drink. Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during fire fighting : Container may melt and leak in heat of fire.
- Further information : Fight fire with normal precautions from a reasonable distance. Standard procedure for chemical fires. Wear full protective clothing and positive pressure self-contained breathing apparatus.
- Flash point : Note: not applicable
- Lower explosion limit : Note: no data available
- Upper explosion limit : Note: no data available

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6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : 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.
Sweep up and shovel into suitable containers for disposal.
Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Avoid contact with skin, eyes and clothing.
Avoid breathing vapors, mist or gas.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Product residue may remain in/on empty containers. All precautions taken in handling the product must be used in handling the empty container and residue.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

- Requirements for storage areas and containers : Keep container closed when not in use.
Keep in a dry, cool and well-ventilated place.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Hydrochloric acid	7647-01-0	-	2 ppm	-	ACGIH Ceiling
Hydrochloric acid	7647-01-0	-	2 ppm	-	ACGIH Ceiling
Hydrochloric acid	7647-01-0	7 mg/m3	5 ppm	-	OSHA Ceiling
Hydrochloric acid	7647-01-0	7 mg/m3	5 ppm	-	OSHA Ceiling

Personal protective equipment

Respiratory protection

Industrial setting : Use only with adequate ventilation. Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection. A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Household setting : No special requirements.

Hand protection : Rubber gloves

Eye protection

Industrial setting : Wear splash-resistant Chemical goggles.

Household setting : No special requirements.

Skin and body protection : Protective footwear.

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	: liquid
Color	: blue
Odor	: mild
pH	: 1
Boiling point	: no data available
Freezing point	: no data available
Flash point	: not applicable
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
Density	: 1.04 g/cm ³
Water solubility	: completely soluble

10. STABILITY AND REACTIVITY

Conditions to avoid	: Direct sources of heat.
Materials to avoid	: Do not mix with bleach or any other household cleaners. Avoid contact with: 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
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	estimated 1,000 - 2,000 mg/kg Causes severe digestive tract burns.
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	: no data available

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.

RCRA waste class : D002 (Corrosive Waste)

14. TRANSPORT INFORMATION

Land transport

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

Proper shipping name UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid), 8, II, Ltd. Qty.

Class: 8

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UN-Number 3264
Packaging group: II
Note: SC Johnson ships this product as Consumer Commodity ORM-D (non-bulk packages)

Sea transport

IMDG:
Proper shipping name UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid), 8, II, Ltd. Qty.
Class: 8
UN-Number: 3264
Packaging group: II
EmS: F-A, S-B
Note: Limited quantities derogation may be applicable to this product, please check transport documents.

Air transport

ICAO/IATA:
Proper shipping name UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (Hydrochloric acid), 8, II, Ltd. Qty.
Class: 8
UN/ID No.: UN 3264
Packaging group: II
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.

California Prop. 65 : This product is not subject to the reporting requirements under California's Proposition 65.

16. OTHER INFORMATION

HMIS Ratings

Health	3
Flammability	0
Reactivity	0

NFPA Ratings

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Health	3
Fire	0
Reactivity	0
Special	

Further information

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