

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)

Recommended use : Disinfectant

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +1-800-558-5252

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

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

This product does not meet the criteria for classification in any hazard class according to regulation OSHA 29 CFR 1910.1200.

Labelling

Precautionary statements

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
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Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

Alkyl dimethyl benzyl ammonium chloride	68424-85-1	0.10 - 1.00
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The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

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

4. FIRST AID MEASURES

Description of first aid measures

Eye contact : No special requirements

Skin contact : No special requirements

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

5. FIREFIGHTING MEASURES

Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during firefighting : 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.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

- Handling**
- Precautions for safe handling** : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
KEEP OUT OF REACH OF CHILDREN AND PETS.
- 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.

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** : No special requirements.
- Hand protection** : No special requirements.
- Eye protection** : No special requirements.
- Skin and body protection** : No special requirements.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : colourless

Odour : Marine/Ozone

Odour Threshold : Test not applicable for this product type

pH : 11.0

Melting point/freezing point : Test not applicable for this product type

Initial boiling point and boiling range : Test not applicable for this product type

Flash point : does not flash

Evaporation rate : Test not applicable for this product type

Flammability (solid, gas) : No data available

Upper/lower flammability or explosive limits : Test not applicable for this product type

Vapour pressure : Test not applicable for this product type

Vapour density : Test not applicable for this product type

Relative density : 1.00 g/cm³

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

Solubility(ies)	: soluble	
Partition coefficient: n-octanol/water	: Test not applicable for this product type	
Auto-ignition temperature	: Test not applicable for this product type	
Decomposition temperature	: Test not applicable for this product type	
Viscosity, dynamic	: Test not applicable for this product type	
Viscosity, kinematic	: Test not applicable for this product type	
Oxidizing properties	: Test not applicable for this product type	
Other information	: None identified	:

10. STABILITY AND REACTIVITY

Incompatible materials	: Do not mix with bleach or any other household cleaners. Strong bases
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11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50 > 5000 mg/kg
Acute inhalation toxicity	: LC50 > 10 mg/L
Acute dermal toxicity	: LD50 > 5000 mg/kg

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)**

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Gas
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Skin corrosion	No classification proposed	-
Skin corrosion/irritation	No classification proposed	-
Serious eye damage	No classification proposed	-
Serious eye damage/eye irritation	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical :

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)**

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

Condition**12. ECOLOGICAL INFORMATION****Product :** The product itself has not been tested.**Toxicity**

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	LC50 Measured OECD Test Guideline 203	Pimephales promelas (fathead minnow)	0.28 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	0.03 mg/l	34 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	0.016 mg/l	48 h
	NOEC	Daphnia magna	0.0042 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl	EC50	Selenastrum	0.026 mg/l	72 h

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)**

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

ammonium chloride	OECD Test Guideline 201	capricornutum, Skeletonema costatum		
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Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alkyl dimethyl benzyl ammonium chloride	95.5 %	28 d	Readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n- Octanol/water (log)
Alkyl dimethyl benzyl ammonium chloride	79 Measured	3.91

Mobility

Component	End point	Value
Alkyl dimethyl benzyl ammonium chloride	No data available	

PBT and vPvB assessment

Component	Results
Alkyl dimethyl benzyl ammonium chloride	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.**13. DISPOSAL CONSIDERATIONS**

Consumer may discard empty container in trash, or recycle where facilities exist.

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

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	0
Flammability	0
Reactivity	0

NFPA Ratings

Health	0
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



TruShot Disinfectant Cleaner for Restrooms (1:32 dilution)

Version 1.1

Print Date 09/07/2017

Revision Date 09/07/2017

SDS Number 300000072861

GEN_SOF Number 61345

workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

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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Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : SC JOHNSON PROFESSIONAL® TRUSHOT™
DISINFECTANT CLEANER (RESTROOM CLEANER &
DISINFECTANT) EPA REG. NO. 6836-348-89900

Recommended use : Disinfectant

**Manufacturer, importer,
supplier** : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Telephone : +18005585252
**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

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Acute toxicity	Category 4	Harmful if swallowed.
Skin corrosion	Category 1B	Causes severe skin burns and eye damage.
Serious eye damage	Category 1	Causes serious eye damage.

Labelling

Hazard symbols

Corrosion
Exclamation mark

Signal word

Danger

Hazard statements

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

Harmful if swallowed.
Causes severe skin burns and eye damage.

Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Immediately call a POISON CENTER or doctor/ physician.

Specific treatment (see supplemental first aid instructions on this label).

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Wash contaminated clothing before reuse.

Store locked up.

Dispose of contents/ container to an approved incineration plant.

Wear protective gloves.

Do not breathe dust or mist.

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	1.00 - 5.00
Alcohols, C9-11, ethoxylated	68439-46-3	1.00 - 5.00
Tetrasodium ethylene diamine tetraacetate	64-02-8	1.00 - 5.00
Ethyl alcohol	64-17-5	1.00 - 5.00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

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

4. FIRST AID MEASURES

- | | | |
|---------------------|---|---|
| Eye contact | : | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Get medical attention immediately. |
| Skin contact | : | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor/physician. |
| Inhalation | : | IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. |
| Ingestion | : | IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Rinse mouth. |

5. FIREFIGHTING MEASURES

- | | | |
|---|---|--|
| Suitable extinguishing media | : | Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide. |
| Specific hazards during firefighting | : | Container may melt and leak in heat of fire. |
| Further information | : | Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes. |

6. ACCIDENTAL RELEASE MEASURES

- | | | |
|-----------------------------|---|---|
| Personal precautions | : | Wear personal protective equipment. Wash thoroughly after handling. |
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Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

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

Methods and materials for containment and cleaning up : Dike large spills.
Clean residue from spill site.

7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing.
For personal protection see section 8.
Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid breathing vapours, mist or gas.
Do not eat, drink or smoke when using this product.
Wash thoroughly after handling.

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.
Store locked up.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Ethyl alcohol	64-17-5	1,900 mg/m3	1,000 ppm	-	OSHA TWA
Ethyl alcohol	64-17-5	-	1,000 ppm	-	ACGIH STEL

Personal protective equipment

- Respiratory protection** : Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
- Hand protection** : Rubber gloves
- Eye protection** : Wear splash-resistant Chemical goggles.
- Skin and body protection** : Protective footwear.
- Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling. Smoking, eating and drinking should be prohibited in the application area.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : liquid
- Color** : colourless
- Odor** : Marine/Ozone
Citrus

Odour Threshold : Test not applicable for this product type

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

pH	: 12.5
Melting point/freezing point	: Test not applicable for this product type
Initial boiling point and boiling range	: Test not applicable for this product type
Flash point	: > 100 °C > 212 °F
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: No data available
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: Test not applicable for this product type
Vapour density	: Test not applicable for this product type
Relative density	: 1.00 g/cm ³
Solubility(ies)	: soluble
Partition coefficient: n-octanol/water	: Test not applicable for this product type
Auto-ignition temperature	: Test not applicable for this product type

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

Decomposition temperature	: Test not applicable for this product type	
Viscosity, dynamic	: 8.5 mPa.s	
Viscosity, kinematic	: Test not applicable for this product type	
Oxidizing properties	: Test not applicable for this product type	
Volatile Organic Compounds Total VOC (wt. %)*	: 1.7 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	
Other information	: None identified	:

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	: If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.
Conditions to avoid	: Direct sources of heat.
Incompatible materials	: Do not mix with bleach or any other household cleaners. Strong bases
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating gases and vapours.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

11. TOXICOLOGICAL INFORMATION

Emergency Overview : Danger

Acute oral toxicity : LD50

Acute inhalation toxicity : LC50 1.1 mg/L

Acute dermal toxicity : LD50

GHS Properties	Classification	Routes of entry
Acute toxicity	Category 4	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion	Category 1B	-
Serious eye damage	Category 1	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single	No classification proposed	-

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

exposure		
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

Aggravated Medical Condition : None known.

12. ECOLOGICAL INFORMATION

Product : The product itself has not been tested.

Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

Toxicity to fish

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	LC50 Measured OECD Test Guideline 203	Pimephales promelas (fathead minnow)	0.28 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	0.03 mg/l	34 d
Alcohols, C9-11, ethoxylated	static test LC50	Oncorhynchus mykiss (rainbow trout)	5 - 7 mg/l	96 h
Tetrasodium ethylene diamine tetraacetate	static test LC50	Lepomis macrochirus	41 mg/l	96 h
	NOEC	Danio rerio (zebra fish)	> 25.7	35 d

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER
(RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900**

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

			mg/l	
Ethyl alcohol	LC50	Fish	11,200 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	0.016 mg/l	48 h
Alcohols, C9-11, ethoxylated	static test EC50	Daphnia magna (Water flea)	2.5 mg/l	48 h
	EC10	Daphnia	2.58 mg/l	21 d
Tetrasodium ethylene diamine tetraacetate	EC50	Daphnia magna (Water flea)	140 mg/l	48 h
	NOEC	Daphnia magna	25 mg/l	21 d
Ethyl alcohol	static test LC50	Ceriodaphnia dubia	5,012 mg/l	48 h

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

**SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER
(RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900**

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

	NOEC	Daphnia magna	9.6 mg/l	9 d
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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50 OECD Test Guideline 201	Selenastrum capricornutum, Skeletonema costatum	0.026 mg/l	72 h
Alcohols, C9-11, ethoxylated	EC50	Algae	1.4 - 47 mg/l	72 h
Tetrasodium ethylene diamine tetraacetate	EC50	Desmodesmus subspicatus	1.01 mg/l	72 h
Ethyl alcohol	Static EC50	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alkyl dimethyl benzyl ammonium chloride	95.5 %	28 d	Readily biodegradable
Alcohols, C9-11, ethoxylated	60 %	28 d	Readily biodegradable
Tetrasodium ethylene diamine tetraacetate	10 %	28 d	Not readily biodegradable.
Ethyl alcohol	97 %	28 d	Readily biodegradable

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
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Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

Alkyl dimethyl benzyl ammonium chloride	79 Measured	3.91
Alcohols, C9-11, ethoxylated	No data available	3.11 - 4.19
Tetrasodium ethylene diamine tetraacetate	1.8 Measured	-3.86
Ethyl alcohol	3.2 estimated	-0.35 Measured

Mobility

Component	End point	Value
Alkyl dimethyl benzyl ammonium chloride	No data available	
Alcohols, C9-11, ethoxylated	No data available	
Tetrasodium ethylene diamine tetraacetate	Koc	1046 estimated
Ethyl alcohol	No data available	

PBT and vPvB assessment

Component	Results
Alkyl dimethyl benzyl ammonium chloride	Not fulfilling PBT and vPvB criteria
Alcohols, C9-11, ethoxylated	Not fulfilling PBT and vPvB criteria
Tetrasodium ethylene diamine tetraacetate	Not fulfilling PBT and vPvB criteria
Ethyl alcohol	Not fulfilling PBT and vPvB criteria

Other adverse effects : None known.

13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

14. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up-to-date shipping information.

	Land transport	Sea transport	Air transport
UN number	1903	1903	1903
UN proper shipping name	Disinfectant, liquid, corrosive, n.o.s. (Alkyldimethylbenzyl ammonium chloride)	Disinfectant, liquid, corrosive, n.o.s. (Alkyldimethylbenzyl ammonium chloride)	Disinfectant, liquid, corrosive, n.o.s. (Alkyldimethylbenzyl ammonium chloride)
Transport hazard class(es)	8	8	8
Packing group	II	II	II
Environmental hazards	-	-	-
Special precautions for user	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.

15. REGULATORY INFORMATION

FIFRA Labeling

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals.

Following is the hazard information as required on the pesticide label:

DANGER:
Corrosive.
Causes irreversible eye damage.
Causes skin burns.
Harmful if swallowed.

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC JOHNSON PROFESSIONAL® TRUSHOT™ DISINFECTANT CLEANER (RESTROOM CLEANER & DISINFECTANT) EPA REG. NO. 6836-348-89900

Version 1.0

Print Date 07/10/2017

Revision Date 09/30/2016

SDS Number 350000031573

Harmful if absorbed through skin.

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.

State Right To Know

Massachusetts RTK	Ethyl alcohol	64-17-5
Minnesota HSL	Ethyl alcohol	64-17-5
New Jersey HRTK	Ethyl alcohol	64-17-5
Pennsylvania RTKL	Water	7732-18-5
	DI-N-ALKYL DIMETHYL AMMONIUM CHLORIDE	68424-95-3
	Alkyl dimethyl benzyl ammonium chloride	68424-85-1
	Alcohols, C9-11, ethoxylated	68439-46-3
	Ethyl alcohol	64-17-5
	Sodium hydroxide	1310-73-2

16. OTHER INFORMATION

HMIS Ratings

Health	3
Flammability	0
Reactivity	0

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



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NFPA Ratings

Health	3
Fire	0
Reactivity	0
Special	-

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where product use and frequency of exposure exceeds that established for the labeled consumer use.

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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