Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900) - end use dilution

Version *1*.0

Print Date 29.01.2026

Revision Date 15.01.2026

SDS Number 350000042462
GEN_SOF Number 75923

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name	:	TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900) - end use dilution
Recommended use	:	Disinfectant for hard surfaces, bactericidal & fungicidal for soft surfaces and deodorizer
Restrictions on use	:	Use only as directed on label
Manufacturer, importer, supplier	:	SC Johnson Professional USA, Inc., 2815 Coliseum Centre Dr., Suite 600, Charlotte, NC 28217,
Telephone	:	1-800-248-7190 (Industrial/Institutional); 1-866-783-0422 (Healthcare)
Emergency telephone number	:	(800) 424-9300 CHEMTREC (North America) (703) 527-3887 CHEMTREC (International, call collect) (833) 289-4301 24hr Medical Emergency Line

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

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

Labelling

Precautionary statements

TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900) - end use dilution

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Alkyl dimethyl benzyl ammonium chloride	68424-85-1	0,0001 - 0,10
Decyldimethyloctylammonium chloride	32426-11-2	0,0001 - 0,10
Didecyldimethylammonium chloride	7173-51-5	0,0001 - 0,10
Dimethyldioctylammonium chloride	5538-94-3	0,0001 - 0,10

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

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

Eyes : No adverse effects expected when used as directed.

Skin effect : No adverse effects expected when used as directed.

Inhalation : No adverse effects expected when used as directed.

Ingestion : No adverse effects expected when used as directed.

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.

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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : liquid

Color : colourless

Odor : characteristic

Odour Threshold : Test not applicable for this product type

pH : 7,0
at (23 C)

Melting point/freezing point	:	0 C
Initial boiling point and boiling range	:	Test not applicable for this product type
Flash point	:	does not flash
Heat of Combustion	:	Test not applicable for this product type
Evaporation rate	:	Test not applicable for this product type
Flammability (solid, gas)	:	Test not applicable for this product type
Upper/lower flammability or explosive limits	:	Test not applicable for this product type
Vapour pressure	:	similar to water
Relative Vapor Density	:	Test not applicable for this product type
Relative density	:	1,00 g/cm3 at 23 C
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	:	6 mPa.s at 23 C similar to water
Viscosity, kinematic	:	Test not applicable for this product type
Oxidizing properties	:	Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	:	0 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
Particle Characteristics	:	
Other information	:	None identified

10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under recommended storage conditions.
Possibility of hazardous reactions, including those associated with foreseeable emergencies	:	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.

11. TOXICOLOGICAL INFORMATION

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

Acute dermal toxicity : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry	Interactive effects	Symptoms	Alternative Information Used	Method Used for Alternative Information
Acute toxicity	No classification proposed	Oral	None known.	-	No	Not Applicable
Acute toxicity	No classification proposed	Dermal	None known.	-	No	Not Applicable
Acute toxicity	No classification proposed	Inhalation - Dust and Mist	None known.	-	No	Not Applicable
Acute toxicity	No classification proposed	Inhalation - Vapour	None known.	-	No	Not Applicable

Acute toxicity	No classification proposed	Inhalation - Gas	None known.	-	No	Not Applicable
Skin corrosion/irritation	No classification proposed	-	None known.	-	No	Not Applicable
Serious eye damage/eye irritation	No classification proposed	-	None known.	-	No	Not Applicable
Skin sensitisation	No classification proposed	-	None known.	-	No	Not Applicable
Respiratory sensitisation	No classification proposed	-	None known.	-	No	Not Applicable
Germ cell mutagenicity	No classification proposed	-	None known.	-	No	Not Applicable
Carcinogenicity	No classification proposed	-	None known.	-	No	Not Applicable
Reproductive toxicity	No classification proposed	-	None known.	-	No	Not Applicable
Specific target organ toxicity - single exposure	No classification proposed	-	None known.	-	No	Not Applicable
Specific target organ	No classification	-	None known.	-	No	Not Applicable

toxicity - repeated exposure	proposed					
Aspiration hazard	No classification proposed	-	None known.	-	No	Not Applicable

Aggravated Medical Condition : None known.

IARC 1: No component of this product present at levels ≥ 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

No component of this product present at levels ≥ 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

IARC 2A: No component of this product present at levels ≥ 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

IARC 2B: No component of this product present at levels ≥ 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: "No component of this product present at levels ≥ 0.1% is identified as probable, possible or confirmed human carcinogen by NTP."

OSHA: No component of this product present at levels ≥ 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

No component of this product present at levels ≥ 0.1% is identified as probable, possible or confirmed human carcinogen by OSHA.

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	Lepomis macrochirus (Bluegill sunfish)	0,515 mg/l	96 h

	NOEC	Pimephales promelas (fathead minnow)	0,032 mg/l	34 d
Decyldimethyloctylammonium chloride	LC50 Measured flow-through test NOEC	Oncorhynchus mykiss (rainbow trout) Pimephales promelas (fathead minnow)	0,35 mg/l 0,018 mg/l	96 h 33 d
Didecyldimethylammonium chloride		Pimephales promelas (fathead minnow) Danio rerio (zebra fish)	0,19 mg/l 0,0322 mg/l	96 h 34 d
Dimethyldioctylammonium chloride	LC50 Measured flow-through test NOEC	Oncorhynchus mykiss (rainbow trout) Pimephales promelas (fathead minnow)	0,35 mg/l 0,018 mg/l	96 h 33 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50 Measured OECD Test Guideline 202 NOEC	Daphnia magna (Water flea) Daphnia magna	0,016 mg/l 0,0042 mg/l	48 h 21 d
Decyldimethyloctylammonium	EC50	Daphnia magna (Water		48 h

chloride	flow-through test NOEC	flea) Daphnia magna	0,1 mg/l 0,027 mg/l	21 d
Didecyldimethylammonium chloride	EC50 NOEC	Daphnia magna (Water flea) Daphnia magna	0,064 mg/l 0,014 mg/l	48 h 21 d
Dimethyldioctylammonium chloride	EC50 flow-through test NOEC	Daphnia magna (Water flea) Daphnia magna	0,1 mg/l 0,027 mg/l	48 h 21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50	Pseudokirchneriella subcapitata (green algae)	0,049 mg/l	72 h
Decyldimethyloctylammonium chloride	NOEC Read-across (Analogy)	Pseudokirchneriella subcapitata (green algae)	0,01 mg/l	72 h
Didecyldimethylammonium chloride	EC50	Selenastrum capricornutum, Skeletonema costatum	0,026 mg/l	96 h

Dimethyldioctylammonium chloride	NOEC	Pseudokirchneriella subcapitata (green algae)	0,01 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alkyl dimethyl benzyl ammonium chloride	95,5 %	28 d	Readily biodegradable.
Decyldimethyloctylammonium chloride	73 % Read-across (Analogy)	28 d	Not readily biodegradable.
Didecyldimethylammonium chloride	69 %	28 d	Readily biodegradable.
Dimethyldioctylammonium chloride	73 %	28 d	Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alkyl dimethyl benzyl ammonium chloride	79 Measured	0,004
Decyldimethyloctylammonium chloride	81 Read-across (Analogy)	No data available
Didecyldimethylammonium chloride	81 Measured	2,58
Dimethyldioctylammonium chloride	81 Read-across (Analogy)	

Mobility

Component	End point	Value
Alkyl dimethyl benzyl ammonium chloride	Koc	--282624
Decyldimethyloctylammonium chloride	No data available	
Didecyldimethylammonium chloride	Koc	-562314
Dimethyldioctylammonium chloride	Koc	983316 Measured

PBT and vPvB assessment

Component	Results
Alkyl dimethyl benzyl ammonium chloride	Not fulfilling PBT and vPvB criteria
Decyldimethyloctylammonium chloride	Not fulfilling PBT and vPvB criteria
Didecyldimethylammonium chloride	Not fulfilling PBT and vPvB criteria
Dimethyldioctylammonium 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.

Land transport
Not classified as dangerous in the meaning of transport regulations.

Sea transport

TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900) - end use dilution

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.

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

Further information

TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900) - end use dilution

Version *1*.0

Print Date 29.01.2026

Revision Date 15.01.2026

SDS Number 350000042462
GEN_SOF Number 75923

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)

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200

TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900)

Version *1*.0

Print Date 01/29/2026

Revision Date 06/28/2022

SDS Number 350000042461
GEN_SOF Number 75766

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900)

Recommended use : Disinfectant for hard surfaces, bactericidal & fungicidal for soft surfaces and deodorizer

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 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
Skin irritation	Category 2	Causes skin irritation.
Eye irritation	Category 2A	Causes serious eye irritation.

Labelling

Hazard symbols
Exclamation mark

Signal word
Warning

Hazard statements
Causes skin irritation.
Causes serious eye irritation.

Precautionary statements
If medical advice is needed, have product container or label at hand.
Keep out of reach of children.
Read label before use.
Specific treatment (see supplemental first aid instructions on this label).
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/ attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/ attention.
Take off contaminated clothing and wash before reuse.
Wear protective gloves/ eye protection/ face protection.
Wash hands thoroughly after handling.
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
Decyldimethyloctylammonium chloride	32426-11-2	0.10 - 1.00
Ethyl alcohol	64-17-5	0.10 - 1.00
Didecyldimethylammonium chloride	7173-51-5	0.10 - 1.00
Dimethyldioctylammonium chloride	5538-94-3	0.10 - 1.00

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 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention.

Skin contact	:	Wash off with plenty of water. Take off contaminated clothing and wash before reuse.
Inhalation	:	No special requirements.
Ingestion	:	No special requirements

Most important symptoms and effects, both acute and delayed

Eyes	:	Causes serious eye irritation.
Skin effect	:	Causes skin irritation. No adverse effects expected when used as directed.
Inhalation	:	No adverse effects expected when used as directed.
Ingestion	:	May cause irritation to mouth, throat and stomach. May cause abdominal discomfort. No adverse effects expected when used as directed.

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.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:	Wear personal protective equipment. 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. Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS. 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.

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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 : Wear suitable gloves.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : colourless

Odour : characteristic

Odour Threshold : Test not applicable for this product type

pH : 7.0
at (23 C)

Melting point/freezing point	:	0 C
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)	:	Test not applicable for this product type
Upper/lower flammability or explosive limits	:	Test not applicable for this product type
Vapour pressure	:	similar to water
Vapour density	:	Test not applicable for this product type
Relative density	:	0.99 g/cm3 at 23 C
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	:	6 mPa.s at 23 C similar to water

Viscosity, kinematic	:	Test not applicable for this product type
Oxidizing properties	:	Test not applicable for this product type
Volatile Organic Compounds Total VOC (wt. %)*	:	0.5 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations
Other information	:	None identified :

10. STABILITY AND REACTIVITY

Reactivity	:	No dangerous reaction known under conditions of normal use.
Chemical stability	:	Stable under recommended storage conditions.
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.

11. TOXICOLOGICAL INFORMATION

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

Acute dermal toxicity : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	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 irritation	Category 2	-
Eye irritation	Category 2A	-
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 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)	0.032 mg/l	34 d
Decyldimethyloctylammonium chloride	LC50 Measured	Oncorhynchus mykiss (rainbow trout)	0.35 mg/l	96 h
	flow-through test NOEC	Pimephales promelas (fathead minnow)	0.018 mg/l	33 d
Ethyl alcohol	LC50	Fish	11,200 mg/l	96 h
Didecyldimethylammonium chloride		Pimephales promelas (fathead minnow)	0.19 mg/l	96 h
		Danio rerio (zebra fish)	0.0322 mg/l	34 d
Dimethyldioctylammonium chloride	LC50 Measured	Oncorhynchus mykiss (rainbow trout)	0.35 mg/l	96 h

	flow-through test NOEC	Pimephales promelas (fathead minnow)	0.018 mg/l	33 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50	Daphnia (water flea)	0.012 mg/l	48 h
	NOEC	Daphnia magna	0.0042 mg/l	21 d
Decyldimethyloctylammonium chloride	EC50	Daphnia magna (Water flea)	0.1 mg/l	48 h
	flow-through test NOEC	Daphnia magna	0.027 mg/l	21 d
Ethyl alcohol	static test LC50	Ceriodaphnia dubia	5,012 mg/l	48 h
	NOEC	Daphnia magna	9.6 mg/l	9 d
Didecyldimethylammonium chloride	EC50	Daphnia magna (Water flea)	0.064 mg/l	48 h

	NOEC	Daphnia magna	0.014 mg/l	21 d
Dimethyldioctylammonium chloride	EC50	Daphnia magna (Water flea)	0.1 mg/l	48 h
	flow-through test NOEC	Daphnia magna	0.027 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alkyl dimethyl benzyl ammonium chloride	EC50	Pseudokirchneriella subcapitata (green algae)	0.049 mg/l	72 h
Decyldimethyloctylammonium chloride	NOEC Read-across (Analogy)	Pseudokirchneriella subcapitata (green algae)	0.01 mg/l	72 h
Ethyl alcohol	Static EC50	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h
Didecyldimethylammonium chloride	EC50	Selenastrum capricornutum, Skeletonema costatum	0.026 mg/l	96 h
Dimethyldioctylammonium chloride	NOEC	Pseudokirchneriella subcapitata (green algae)	0.01 mg/l	72 h

Persistence and degradability

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

Decyldimethyloctylammonium chloride	73 % Read-across (Analogy)	28 d	Not readily biodegradable.
Ethyl alcohol	97 %	28 d	Readily biodegradable.
Didecyldimethylammonium chloride	69 %	28 d	Readily biodegradable.
Dimethyldioctylammonium chloride	73 %	28 d	Not readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alkyl dimethyl benzyl ammonium chloride	79 Measured	3.91
Decyldimethyloctylammonium chloride	81 Read-across (Analogy)	No data available
Ethyl alcohol	3.2 estimated	-0.35 Measured
Didecyldimethylammonium chloride	81 Measured	2.58
Dimethyldioctylammonium chloride	81 Read-across (Analogy)	

Mobility

Component	End point	Value
Alkyl dimethyl benzyl ammonium chloride	Koc	-1640329 Measured
Decyldimethyloctylammonium chloride	No data available	
Ethyl alcohol	No data available	
Didecyldimethylammonium chloride	Koc	-562314
Dimethyldioctylammonium chloride	Koc	983316 Measured

PBT and vPvB assessment

Component	Results

Alkyl dimethyl benzyl ammonium chloride	Not fulfilling PBT and vPvB criteria
Decyldimethyloctylammonium chloride	Not fulfilling PBT and vPvB criteria
Ethyl alcohol	Not fulfilling PBT and vPvB criteria
Didecyldimethylammonium chloride	Not fulfilling PBT and vPvB criteria
Dimethyldioctylammonium 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.

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

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:

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DANGER:
Causes irreversible eye damage.
Causes skin burns.

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.

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	0
Reactivity	0

NFPA Ratings

Health	2
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.

TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900)

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