

**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 06/24/2025

Revision Date 06/28/2022

SDS Number 350000042461  
GEN\_SOF Number 75766**1. PRODUCT AND COMPANY IDENTIFICATION****Product information**

<b>Product name</b>	:	TruShot 2.0 No Rinse Sanitizer (EPA REG. NO. 6836-302-89900)
<b>Recommended use</b>	:	Disinfectant for hard surfaces, bactericidal & fungicidal for soft surfaces and deodorizer
<b>Restrictions on use</b>	:	Use only as directed on label
<b>Manufacturer, importer, supplier</b>	:	S.C. Johnson & Son, Inc. 1525 Howe Street Racine WI 53403-2236
<b>Telephone</b>	:	+1-800-558-5252
<b>Emergency telephone number</b>	:	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.

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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.whatsinsidescjohson.com](http://www.whatsinsidescjohson.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.

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

<b>Suitable extinguishing media</b>	: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
<b>Specific hazards during firefighting</b>	: Container may melt and leak in heat of fire.
<b>Further information</b>	: 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.

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### **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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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)

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**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

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

**10. STABILITY AND REACTIVITY**

<b>Reactivity</b>	: No dangerous reaction known under conditions of normal use.
<b>Chemical stability</b>	: Stable under recommended storage conditions.
<b>Possibility of hazardous reactions</b>	: If accidental mixing occurs and toxic gas is formed, exit area immediately. Do not return until well ventilated.
<b>Conditions to avoid</b>	: Direct sources of heat.
<b>Incompatible materials</b>	: Do not mix with bleach or any other household cleaners. Strong bases
<b>Hazardous decomposition products</b>	: Thermal decomposition can lead to release of irritating gases and vapours.

**11. TOXICOLOGICAL INFORMATION**

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

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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.

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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 flow-through test	Oncorhynchus mykiss (rainbow trout)	0.35 mg/l	96 h
	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

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

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	NOEC	Daphnia magna	0.014 mg/l	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
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.

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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

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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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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**

<b>Health</b>	2
<b>Flammability</b>	0
<b>Reactivity</b>	0

**NFPA Ratings**

<b>Health</b>	2
<b>Fire</b>	0
<b>Reactivity</b>	0
<b>Special</b>	-

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.

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