

Safety Data Sheet

according to Hazard Communication Standard; 29 CFR 1910.1200



SC Johnson Professional® TruShot™ Super Ammoniated Glass Cleaner Concentrate

Version 1.1

Print Date 10/07/2016

Revision Date 08/15/2016

SDS Number 350000029859

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : SC Johnson Professional® TruShot™ Super Ammoniated Glass Cleaner Concentrate

Recommended use : This product is intended to be diluted prior to use.

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 inhaled.
Acute toxicity	Category 4	Harmful if inhaled.
Skin corrosion	Category 1	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

Harmful if inhaled.

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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.

Avoid breathing spray.

Wash hands thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No.	Weight percent
Dipropylene glycol methyl ether	34590-94-8	5.00 - 10.00
Propylene glycol monobutyl ether	5131-66-8	1.00 - 5.00
Fatty alcohol alkoxylate EO=7	166736-08-9	1.00 - 5.00
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	68585-47-7	1.00 - 5.00
Ammonium Hydroxide	1336-21-6	1.00 - 5.00
Sodium lauryl ether sulfate	68585-34-2	1.00 - 5.00

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

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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: Rinse mouth. Do NOT induce vomiting. |

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

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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.
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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Dipropylene glycol methyl ether	34590-94-8	600 mg/m3	100 ppm	-	OSHA TWA
Dipropylene glycol methyl ether	34590-94-8	-	150 ppm	-	ACGIH STEL
Dipropylene glycol methyl ether	34590-94-8	-	100 ppm	-	ACGIH TWA

Personal protective equipment

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- 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form** : liquid
- Color** : colourless
- Odor** : floral
- Odour Threshold** : Test not applicable for this product type
- pH** : 11.6
(undiluted)
- Melting point/freezing point** : 0 C
- Initial boiling point and boiling range** : Test not applicable for this product type
- Flash point** : > 95 C
> 203 °F
Approximate
- Evaporation rate** : Test not applicable for this product type

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Flammability (solid, gas)	: Does not sustain combustion.
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	: 1.0010 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
Decomposition temperature	: Test not applicable for this product type
Viscosity, dynamic	: 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. %)*	: 12 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations

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Other information : None identified :

10. STABILITY AND REACTIVITY

Possibility of hazardous reactions : Stable under normal 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

Emergency Overview : Danger

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	Category 4	Inhalation - Dust and Mist

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Acute toxicity	Category 4	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion	Category 1	-
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 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
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				time
Dipropylene glycol methyl ether	static test LC50	Poecilia reticulata (guppy)	> 1,000 mg/l	96 h
Propylene glycol monobutyl ether	static test LC50	Poecilia reticulata (guppy)	> 560 - 1,000 mg/l	96 h
Fatty alcohol alkoxylate EO=7	LC50	Danio rerio (zebra fish)	10 - 100 mg/l	96 h
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	LC50 Read-across (Analogy)		> 10 mg/l	
Ammonium Hydroxide	LC50	Fish	0.89 mg/l	96 h
Sodium lauryl ether sulfate		Fish	7.1 mg/l	96 h
	NOEC	Fish	1 mg/l	45 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Dipropylene glycol methyl ether	static test LC50	Daphnia magna (Water flea)	1,919 mg/l	48 h

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Propylene glycol monobutyl ether	static test EC50	Daphnia magna (Water flea)	> 1,000 mg/l	48 h
Fatty alcohol alkoxyate EO=7	EC50	Daphnia (water flea)	10 - 100 mg/l	48 h
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	No data available			
Ammonium Hydroxide	EC50	daphnia pulex	0.66 mg/l	48 h
Sodium lauryl ether sulfate	EC50	Daphnia (water flea)	7.4 mg/l	48 h
	NOEC	Daphnia	1.2 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Dipropylene glycol methyl ether	EC50	Pseudokirchneriella subcapitata (green algae)	969 mg/l	72 h
Propylene glycol monobutyl ether	EC50	Pseudokirchneriella subcapitata (green algae)	> 1,000 mg/l	72 h
Fatty alcohol alkoxyate EO=7	EC50	Scenedesmus quadricauda (Green)	10 - 100 mg/l	72 h

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		algae)		
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	No data available			
Ammonium Hydroxide	No data available			
Sodium lauryl ether sulfate	ErC50	Algae	27.7 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Dipropylene glycol methyl ether	96 %	28 d	Readily biodegradable
Propylene glycol monobutyl ether	90 %	28 d	Readily biodegradable
Fatty alcohol alkoxyate EO=7	> 60 %	28 d	Readily biodegradable
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	100 %		Readily biodegradable
Ammonium Hydroxide	No data available		Readily biodegradable
Sodium lauryl ether sulfate	100 %	28 d	Readily biodegradable

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Dipropylene glycol methyl ether	< 100 Calculated	0.004
Propylene glycol monobutyl ether	3.2 estimated	1.2 Measured
Fatty alcohol alkoxyate EO=7	No data available	No data available
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts		
Ammonium Hydroxide	3.16 QSAR	No data available
Sodium lauryl ether sulfate	No data available	No data available

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Mobility

Component	End point	Value
Dipropylene glycol methyl ether	No data available	
Propylene glycol monobutyl ether	Koc	1.3 - 6
Fatty alcohol alkoxylate EO=7	No data available	-
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	No data available	
Ammonium Hydroxide	No data available	
Sodium lauryl ether sulfate	No data available	

PBT and vPvB assessment

Component	Results
Dipropylene glycol methyl ether	Not fulfilling PBT and vPvB criteria
Propylene glycol monobutyl ether	Not fulfilling PBT and vPvB criteria
Fatty alcohol alkoxylate EO=7	Not fulfilling PBT and vPvB criteria
Sulfuric acid, mono-C10-16-alkyl esters, sodium salts	Not fulfilling PBT and vPvB criteria
Ammonium Hydroxide	Not fulfilling PBT and vPvB criteria
Sodium lauryl ether sulfate	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.

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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	3264	3264	3264
UN proper shipping name	UN 3264 Corrosive liquid, basic, inorganic, n.o.s. (ammonium hydroxide), 8, III	UN 3264 Corrosive liquid, basic, inorganic, n.o.s. (ammonium hydroxide), 8, III	UN 3264 Corrosive liquid, basic, inorganic, n.o.s. (ammonium hydroxide), 8, III
Transport hazard class(es)	8	8	8
Packing group	III	III	III
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

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 does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

State Right To Know

Massachusetts RTK	Dipropylene glycol methyl ether	34590-94-8
	Ammonium Hydroxide	1336-21-6
Minnesota HSL	Dipropylene glycol methyl ether	34590-94-8
	Propylene glycol	57-55-6

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New Jersey HRTK	Dipropylene glycol methyl ether	34590-94-8
	Propylene glycol	57-55-6
	Ammonium Hydroxide	1336-21-6
Pennsylvania RTKL	Water	7732-18-5
	Dipropylene glycol methyl ether	34590-94-8
	Propylene glycol monobutyl ether	5131-66-8
	Propylene glycol	57-55-6
	Ammonium Hydroxide	1336-21-6

16. OTHER INFORMATION**HMIS Ratings**

Health	3
Flammability	1
Reactivity	0

NFPA Ratings

Health	3
Fire	1
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

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