

Safety Data Sheet

classification according to Canadian Hazardous Products Regulation



SC JOHNSON PROFESSIONAL® Trushot 2.0 GLASS & MULTI-SURFACE CLEANER Concentrate

Version 1.0

Print Date 10/07/2021

Revision Date 10/26/2020

SDS Number 350000035902GEN_SOF
Number 64302

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : SC JOHNSON PROFESSIONAL® Trushot 2.0 GLASS & MULTI-SURFACE CLEANER Concentrate

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

Restrictions on use : Use only as directed on label

Manufacturer, importer, supplier : S.C. Johnson and Son, Limited
1 Webster Street
Brantford ON N3T 5R1

Telephone : +1-800-558-5566

Emergency telephone number : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647
24 Hour Canadian Transport Emergency Phone (CANUTEC) (613) 996-6666

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Flammable liquids	Category 3	Flammable liquid and vapour.
Serious eye damage	Category 1	Causes serious eye damage.

Labelling

Hazard symbols

Flame
Corrosion

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Signal word

Danger

Hazard statements

Flammable liquid and vapour.
Causes serious 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.
In case of fire: Use alcohol-resistant foam, carbon dioxide or dry sand to extinguish.
Immediately call a POISON CENTER/doctor.
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.
Store in a well-ventilated place. Keep cool.
Dispose of contents/ container to an approved incineration plant.
Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ ventilating/ lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Wear protective gloves.
Wash hands thoroughly after handling.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous chemicals present at or above reportable levels as defined by Canadian Hazardous Products Regulation are listed in this table.

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Chemical name	CAS-No.	Weight percent
Alkyl polyglycoside	68515-73-1	5.00 - 7.00
Fatty alcohol alkoxylate EO=7	166736-08-9	5.00 - 7.00
Ethyl alcohol	64-17-5	3.00 - 5.00
Alkylpolyglycoside C10-16	110615-47-9	1.50 - 3.00
Secondary ethoxylated alcohol	84133-50-6	1.50 - 3.00

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. Immediately call a POISON CENTER/doctor.

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

Inhalation : No special requirements.

Ingestion : No special requirements

Most important symptoms and effects, both acute and delayed

Eyes : Causes serious eye damage.

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

Inhalation : No adverse effects expected when used as directed.

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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** : Flammable liquid. Vapors are heavier than air and may travel to a source of ignition and flash back. Liquid run-off to sewers may create fire/explosion hazard. Container may melt and leak in heat of fire.
- Further information** : Although this product has a flash point below 200 Deg F, it is an aqueous solution containing an alcohol and does not sustain combustion. Cool and use caution when approaching or handling fire-exposed containers. Fight fire with normal precautions from a reasonable distance. For large quantities of flammable liquids, consider containment to prevent the spread of fire. Standard procedure for chemical fires. 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** : Remove all sources of ignition.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

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	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	: Soak up with inert absorbent material. Use only non-sparking equipment. 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.

Advice on protection against fire and explosion : Keep away from sources of ignition - No smoking.
Take measures to prevent the build up of electrostatic charge.
Use only non-sparking tools.
Use explosion-proof equipment.
Ground/bond container and receiving equipment.

Storage

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

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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	-	1,000 ppm	-	ACGIH STEL

Personal protective equipment

Respiratory protection : No special requirements.

Hand protection : No special requirements.

Eye protection : Safety glasses with side-shields
Wear splash-resistant Chemical goggles.

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 : clear

Odour : Fruity Floral

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Odour Threshold : Test not applicable for this product type

pH : 7.2
at (25 °C)

Melting point/freezing point : 32 °F

**Initial boiling point and
boiling range** : 100.00 °C

Flash point : 52.5 °C
126.5 °F

Evaporation rate : Test not applicable for this product type

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 : 1.0629 g/cm³ at 25 °C

Solubility(ies) : soluble

**Partition coefficient: n-
octanol/water** : Test not applicable for this product type

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Auto-ignition temperature	: Test not applicable for this product type	
Decomposition temperature	: Test not applicable for this product type	
Viscosity, dynamic	: 11.6 mPa.s	
Viscosity, kinematic	: Test not applicable for this product type	
Oxidizing properties	: Test not applicable for this product type	
Volatile Organic Compounds	: 4.5 % - additional exemptions may apply	
Total VOC (wt. %)*	*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.

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Conditions to avoid : Heat, flames and sparks.

Incompatible materials : Strong oxidizing agents
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 corrosion/irritation	No classification proposed	-
Serious eye damage	Category 1	-

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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 polyglycoside	semi-	Danio rerio (zebra fish)	126 mg/l	96 h

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	static test LC50			
	semi-static test NOEC Read-across (Analogy)	Danio rerio (zebra fish)	1.8 mg/l	28 d
Fatty alcohol alkoxylate EO=7	LC50	Danio rerio (zebra fish)	10 - 100 mg/l	96 h
Ethyl alcohol	LC50	Fish	11,200 mg/l	96 h
Alkylpolyglycoside C10-16	semi-static test LC50 ISO 7346/2	Fish	1 - 10 mg/l	96 h
	NOEC	Fish	> 1 - 10 mg/l	
Secondary ethoxylated alcohol	LC50	Pimephales promelas (fathead minnow)	6.9 - 10.9 mg/l	96 h

Toxicity to aquatic invertebrates

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Components	End point	Species	Value	Exposure time
Alkyl polyglycoside	static test EC50	Daphnia magna (Water flea)	> 100 mg/l	48 h
	semi-static test NOEC Read-across (Analogy)	Daphnia magna	1 mg/l	21 d
Fatty alcohol alkoxylate EO=7	EC50	Daphnia (water flea)	10 - 100 mg/l	48 h
Ethyl alcohol	static test LC50	Ceriodaphnia dubia	5,012 mg/l	48 h
	NOEC	Daphnia magna	9.6 mg/l	9 d
Alkylpolyglycoside C10-16	static test EC50	Daphnia magna (Water flea)	7 mg/l	48 h
	NOEC	Daphnia	> 1 - 10 mg/l	

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Secondary ethoxylated alcohol	EC50	Daphnia magna (Water flea)	8.7 mg/l	48 h
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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alkyl polyglycoside	static test EC50	Desmodesmus subspicatus (green algae)	27.22 mg/l	72 h
Fatty alcohol alkoxylate EO=7	EC50	Scenedesmus quadricauda (Green algae)	10 - 100 mg/l	72 h
Ethyl alcohol	Static EC50	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h
Alkylpolyglycoside C10-16	static test EC50	Desmodesmus subspicatus (green algae)	12.5 mg/l	72 h
Secondary ethoxylated alcohol	No data available			

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alkyl polyglycoside	100 %	28 d	Readily biodegradable.
Fatty alcohol alkoxylate EO=7	> 60 %	28 d	Readily biodegradable.
Ethyl alcohol	97 %	28 d	Readily biodegradable.
Alkylpolyglycoside C10-16	> 70 %	28 d	Readily biodegradable.

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Secondary ethoxylated alcohol	> 60 %	28 d	Readily biodegradable.
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Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alkyl polyglycoside	0.9 estimated	1.72
Fatty alcohol alkoxylate EO=7	No data available	No data available
Ethyl alcohol	3.2 estimated	-0.35 Measured
Alkylpolyglycoside C10-16	No data available	<= -0.07
Secondary ethoxylated alcohol	17 estimated	2.39 estimated

Mobility

Component	End point	Value
Alkyl polyglycoside	log Koc	1.7
Fatty alcohol alkoxylate EO=7	No data available	-
Ethyl alcohol	No data available	
Alkylpolyglycoside C10-16	log Koc	1.7
Secondary ethoxylated alcohol	No data available	

PBT and vPvB assessment

Component	Results
Alkyl polyglycoside	Not fulfilling PBT and vPvB criteria
Fatty alcohol alkoxylate EO=7	Not fulfilling PBT and vPvB criteria
Ethyl alcohol	Not fulfilling PBT and vPvB criteria
Alkylpolyglycoside C10-16	Not fulfilling PBT and vPvB criteria

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Secondary ethoxylated 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.

14. TRANSPORT INFORMATION

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

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	Land transport	Sea transport	Air transport
UN number	1170	1170	1170
UN proper shipping name	Ethanol Solution (Ethyl Alcohol)	Ethanol Solution (Ethyl Alcohol)	Ethanol Solution (Ethyl Alcohol)
Transport hazard class(es)	3	3	3
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.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

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.

Notification status : All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

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

Canada Regulations : This product has been classified in accordance with the hazard criteria of the Hazardous Products Act and Regulations.

16. OTHER INFORMATION

HMIS Ratings

Health	2
Flammability	2
Reactivity	0

NFPA Ratings

Health	2
Fire	2
Reactivity	0
Special	-

This information is being provided in accordance with Canada's Workplace Hazard Material Information System. 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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