

Safety Data Sheet

According to Occupational Safety and Health (Classification, Labelling and Safety Data Sheets of Hazardous Chemicals) Regulations 2013 (CLASS Regulations) and Industry Code of Practice (on chemicals classification and hazard communication) 2014 (ICOP 2014)



Solopol

Version 1.0

Print Date 09/04/2025

Revision Date 09/04/2025

SDS Number 350000046365

GEN_SOF Number 81716

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : Solopol

Recommended use : Personal care – Hand Wash

Importer, Supplier : SC Johnson Professional Sdn. Bhd.
Suite 20-1, UOA Corporate Tower
The Vertical, 8 Jalan Kerinchi, Bangsar South
Kuala Lumpur 59200

Telephone : +603 2241 7700

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Short-term (acute) aquatic hazard	Category 3	Harmful to aquatic life.

Labelling

Hazard statements

(H402) Harmful to aquatic life.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.

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(P102) Keep out of reach of children.

(P103) Read label before use.

(P501) Dispose of contents/ container to an approved incineration plant.

(P273) Avoid release to the environment.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	69011-36-5	1.00 - 5.00
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	1.00 - 5.00
Sodium chloride	7647-14-5	1.00 - 5.00
Oleic acid	112-80-1	1.00 - 5.00
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	91052-16-3	1.00 - 5.00
Titanium Dioxide	13463-67-7	0.10 - 0.50

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

4. FIRST AID MEASURES

Eye contact : No special requirements

Skin contact : No special requirements

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Inhalation : No special requirements.

Ingestion : No special requirements

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.

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7. HANDLING AND STORAGE

Handling

Precautions for safe handling : Avoid contact with eyes.
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 : Normal measures for preventive fire protection.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

Components	CAS-No.	mg/m3	ppm	Non-standard units	Basis
Titanium Dioxide	13463-67-7	0.2 mg/m3	-	-	ACGIH TWA
Titanium Dioxide	13463-67-7	2.5 mg/m3	-	-	ACGIH TWA

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.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	: suspension
Color	: beige
Odor	: Citrus
Odour Threshold	: Test not applicable for this product type
pH	: 4.4
Melting point/freezing point	: 0 C
Initial boiling point and boiling range	: > 100 °C
Flash point	: does not flash
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: The product is not flammable.
Upper/lower flammability or explosive limits	: Test not applicable for this product type
Vapour pressure	: Not measured as flashpoint >100 °C

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Vapour density	: Not measured as flashpoint >100 °C
Relative density	: 1.048 g/cm3
Solubility(ies)	: partly miscible
Partition coefficient: n-octanol/water	: no bioaccumulation expected; at pH 7
Auto-ignition temperature	: Test not applicable for this product type
Decomposition temperature	: Test not applicable for this product type
Viscosity, dynamic	: 16,000 mPa.s
Viscosity, kinematic	: 15,023 mm2/s
Oxidizing properties	: Test not applicable for this product type
Volatile Organic Compounds	: 0 % - additional exemptions may apply
Total VOC (wt. %)*	*as defined by US Federal and State Consumer Product Regulations
Other information	: None identified

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10. STABILITY AND REACTIVITY

Possibility of hazardous reactions	: None known.
Possibility of hazardous reactions	: Stable under recommended storage conditions.
Conditions to avoid	: Direct sources of heat.
Incompatible materials	: None known.
Hazardous decomposition products	: Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Emergency Overview	: This product does not contain hazardous chemicals at or above a reportable level as defined by Occupational Safety and Health (CLASS Regulations 2013) and Industry Code of Practice (ICOP 2014)".
Acute oral toxicity	: LD50 > 5000 mg/kg
Acute inhalation toxicity	: LC50 > 5.1 mg/L
Acute dermal toxicity	: LD50 > 5000 mg/kg

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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	No classification proposed	-
Serious eye damage	No classification proposed	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-
Carcinogenicity	No classification proposed	-

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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	-

Target Organs : No data available

Other information : No data available

Aggravated Medical Condition : No data available

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.

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Toxicity to fish

Components	End point	Species	Value	Exposure time
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available	No data available	No data available	No data available
	No data available	No data available	No data available	No data available
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	LC50	Danio rerio (zebra fish)	7.1 mg/l	96 h
	NOEC	Oncorhynchus mykiss (rainbow trout)	0.14 mg/l	28 d
Sodium chloride	flow-through test LC50	Lepomis macrochirus	5,840 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	252 mg/l	33 d
Oleic acid	static test LC50	Cyprinus carpio (Carp)	80 mg/l	48 h

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	No data available	No data available	No data available	No data available
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data available	No data available	No data available	No data available
	No data available	No data available	No data available	No data available
Titanium Dioxide	No data available	No data available	No data available	No data available
	No data available	No data available	No data available	No data available

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available	No data available	No data available	No data available

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	No data available	No data available	No data available	No data available
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	EC50	Daphnia magna (Water flea)	7.4 mg/l	48 h
	NOEC	Daphnia magna	0.27 mg/l	21 d
Sodium chloride	static test EC50	Daphnia magna (Water flea)	340.7 - 469.2 mg/l	48 h
	NOEC	Daphnia pulex	314 mg/l	21 d
Oleic acid	EC50	Daphnia magna (Water flea)	> 2.8 mg/l	48 h
	NOEC	Daphnia magna (Water flea)	32 mg/l	21 d
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data available	No data available	No data available	No data available

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	No data available	No data available	No data available	No data available
Titanium Dioxide	EC50	Daphnia magna (Water flea)	> 500 mg/l	48 h
	NOEC	Daphnia magna	> 2.92 mg/l	21 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available	No data available	No data available	No data available
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	NOEC	Desmodesmus subspicatus (green algae)	0.95 mg/l	72 h
Sodium chloride	IC50	Algae	3,014 mg/l	72 h

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Oleic acid	EC50	Selenastrum capricornutum, Skeletonema costatum	> 2.6 mg/l	72 h
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data available	No data available	No data available	No data available
Titanium Dioxide	static test EC50	Pseudokirchneriella subcapitata (green algae)	61 mg/l	72 h

Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)			Readily biodegradable.
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	96 %	28 d	Readily biodegradable.
Sodium chloride	No data available	No data available	No data available
Oleic acid			Readily biodegradable.
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data available	No data available	No data available
Titanium Dioxide	No data available	No data available	No data available

Bioaccumulative potential

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Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available	No data available
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	No data available	0.3
Sodium chloride	1.09 QSAR	0.54
Oleic acid	44,000 QSAR	7.73 estimated
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data available	No data available
Titanium Dioxide	No data available	No data available

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Mobility

Component	End point	Value
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data availableNo data available	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	No data availableNo data available	
Sodium chloride	No data availableNo data available	
Oleic acid	Koc	38000 estimated No data available
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data availableNo data available	
Titanium Dioxide	No data availableNo data available	

PBT and vPvB assessment

Component	Results
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	Not fulfilling PBT and vPvB criteria
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Not fulfilling PBT and vPvB criteria

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Sodium chloride	Not fulfilling PBT and vPvB criteria
Oleic acid	Not fulfilling PBT and vPvB criteria
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	Not fulfilling PBT and vPvB criteria
Titanium Dioxide	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

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.

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15. REGULATORY INFORMATION

Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

16. OTHER INFORMATION

Safety Data Sheets (SDS) are intended to provide workers and emergency personnel with the proper procedures for handling or working with products. The information is intended to address handling of our products in occupational environments in accordance with country and region specific regulatory requirements under the Global Harmonization System of Classification and Labeling of chemicals and mixtures. These SDSs are not applicable to consumer use of our products.

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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