

## 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 GFX

Version 1.1

Print Date 24/03/2025

Revision Date 24/03/2025

SDS Number 350000046280

GEN\_SOF Number 82113

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : Solopol GFX

**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
Serious eye damage/eye irritation	Category 2B	Causes eye irritation.
Short-term (acute) aquatic hazard	Category 3	Harmful to aquatic life.

### Labelling

### Signal word

Warning

### Hazard statements

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(H320) Causes eye irritation.

(H402) Harmful to aquatic life.

#### Precautionary statements

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

(P102) Keep out of reach of children.

(P103) Read label before use.

(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P337 + P313) If eye irritation persists: Get medical advice/ attention.

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

(P264) Wash hands thoroughly after handling.

(P273) Avoid release to the environment.

**Other hazards** : None identified

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
OLIVE OIL	8001-25-0	1.00 - 5.00
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	1.00 - 5.00
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C8-10 acyl derivatives	1591782-62-5	1.00 - 5.00

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Castor oil, sulfated, sodium salt	68187-76-8	1.00 - 5.00
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	91052-16-3	1.00 - 5.00
Oleic acid	112-80-1	1.00 - 5.00
Citric acid monohydrate	5949-29-1	1.00 - 5.00

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** : 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** : No special requirements
- 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.

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**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 eyes.  
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

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**Other data** : Stable at normal ambient temperature and pressure.  
The product is chemically stable.  
Stable at normal ambient temperature and pressure.  
The product is chemically stable.

## 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

**Form** : suspension

**Color** : brown

**Odor** : Citrus

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**Odour Threshold** : Test not applicable for this product type

**pH** : 5.0  
at 20 °C

**Melting point/freezing point** : -20°C - 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)** : Not classified as a flammability hazard

**Upper/lower flammability or explosive limits** : Not measured as flashpoint >100 °C

**Vapour pressure** : Not measured as flashpoint >100 °C

**Vapour density** : Not measured as flashpoint >100 °C

**Relative density** : 1.06 g/cm<sup>3</sup>  
at 20 °C

**Solubility(ies)** : soluble

**Partition coefficient: n-** : Not required as the product is a mixture.

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#### octanol/water

**Auto-ignition temperature** : not auto-flammable

**Decomposition temperature** : Test not applicable for this product type

**Viscosity, dynamic** : 3,200 mPa.s  
at 20 °C

**Viscosity, kinematic** : 3,018 mm<sup>2</sup>/s  
at 20 °C

**Oxidizing properties** : Test not applicable for this product type

**Volatile Organic Compounds** : 0.3 %  
- 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** : Stable

**Chemical stability** : The product is chemically stable.

**Possibility of hazardous** : If accidental mixing occurs and toxic gas is formed, exit area

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<b>reactions</b>	immediately. Do not return until well ventilated.
<b>Conditions to avoid</b>	: None known.
<b>Conditions to avoid</b>	: Direct sources of heat.
<b>Incompatible materials</b>	: None known.
<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>Emergency Overview</b>	: Warning
<b>Acute oral toxicity</b>	: LD50 2226 mg/kg
<b>Acute inhalation toxicity</b>	: LC50 > 5.1 mg/L
<b>Acute dermal toxicity</b>	: LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	No classification proposed	Oral



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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/eye irritation	Category 2B	-
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	-

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Specific target organ toxicity - single exposure	No classification proposed	-
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Specific target organ toxicity - repeated exposure	No classification proposed	-
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Aspiration hazard	No classification proposed	-
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**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.

### Toxicity to fish

Components	End point	Species	Value	Exposure time
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OLIVE OIL	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
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C8-10 acyl derivatives	static test LC50 OECD Test Guideline 203	Danio rerio (zebra fish)	> 100 mg/l	48 h
	semi-static test NOEC OECD Test Guideline 212	Danio rerio (zebra fish)	200 mg/l	9 d

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Castor oil, sulfated, sodium salt	No data available	No data available	No data available	No data available
	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
Oleic acid	static test LC50	Cyprinus carpio (Carp)	80 mg/l	48 h
	No data available	No data available	No data available	No data available
Citric acid monohydrate	static test LC50	Lepomis macrochirus	1,516 mg/l	96 h

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	No data available	No data available	No data available	No data available
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#### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
OLIVE OIL	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	EC50	Daphnia magna (Water flea)	7.4 mg/l	48 h
	NOEC	Daphnia magna	0.27 mg/l	21 d
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C8-10 acyl derivatives	static test EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	> 100 mg/l	48 h

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	semi-static test NOEC OECD Test Guideline 211	Daphnia (water flea)	50 mg/l	21 d
Castor oil, sulfated, sodium salt	No data available	No data available	No data available	No data available
	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
Oleic acid	EC50	Daphnia magna (Water flea)	> 2.8 mg/l	48 h

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	NOEC	Daphnia magna (Water flea)	32 mg/l	21 d
Citric acid monohydrate	EC50	Daphnia magna (Water flea)	120 mg/l	72 h
	No data available	No data available	No data available	No data available

#### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
OLIVE OIL	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
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C8-10 acyl derivatives	Static EC50 OECD Test Guideline 201	Desmodesmus subspicatus (green algae)	> 100 mg/l	72 h

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Castor oil, sulfated, sodium salt	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
Oleic acid	EC50	Selenastrum capricornutum, Skeletonema costatum	> 2.6 mg/l	72 h
Citric acid monohydrate	No data available	No data available	No data available	No data available

### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
OLIVE OIL	No data available		Readily biodegradable.
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	96 %	28 d	Readily biodegradable.
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C8-10 acyl derivatives	85 %	28 d	Readily biodegradable.
Castor oil, sulfated, sodium salt	62 %	28 d	Readily biodegradable.



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Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data available	No data available	No data available
Oleic acid			Readily biodegradable.
Citric acid monohydrate	90 %	30 d	Readily biodegradable.

#### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
OLIVE OIL	No data available	No data available
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	No data available	0.3
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C8-10 acyl derivatives	No data available	No data available
Castor oil, sulfated, sodium salt	No data available	No data available
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data available	No data available
Oleic acid	44,000 QSAR	7.73 estimated
Citric acid monohydrate	No data available	-1.72

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#### Mobility

Component	End point	Value
OLIVE OIL	No data availableNo data available	
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	No data availableNo data available	
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C8-10 acyl derivatives	No data availableNo data available	
Castor oil, sulfated, sodium salt	No data availableNo data available	
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	No data availableNo data available	
Oleic acid	Koc	38000 estimated No data available
Citric acid monohydrate	No data availableNo data available	

#### PBT and vPvB assessment

Component	Results
OLIVE OIL	Not fulfilling PBT and vPvB criteria

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Alcohols, C12-14, ethoxylated, sulfates, sodium salts	Not fulfilling PBT and vPvB criteria
D-Glucitol, 1-deoxy-1-(methylamino)-, N-C8-10 acyl derivatives	Not fulfilling PBT and vPvB criteria
Castor oil, sulfated, sodium salt	Not fulfilling PBT and vPvB criteria
Glycerides, C16-18 and C18-unsaturated mono- and di-, citrates	Not fulfilling PBT and vPvB criteria
Oleic acid	Not fulfilling PBT and vPvB criteria
Citric acid monohydrate	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

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Not classified as dangerous in the meaning of transport regulations.

### 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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