

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)



Suprega Plus

Version 1.1

Print Date 01/05/2025

Revision Date 01/05/2025

SDS Number 350000046274

GEN_SOF Number 74431

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : Suprega Plus

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
Eye irritation	Category 2B	Causes eye irritation.
Short-term (acute) aquatic hazard	Category 2	Toxic to aquatic life.
Long-term (chronic) aquatic hazard	Category 3	Harmful to aquatic life with long lasting effects.

Labelling

Signal word

Warning

Hazard statements

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(H320) Causes eye irritation.

(H401) Toxic to aquatic life.

(H412) Harmful to aquatic life with long lasting effects.

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
Alcohols, C12-14, ethoxylated (8EO)	68439-50-9	5.00 - 10.00
Polyoxyethylene lauryl ether 4 EO	68439-50-9	1.00 - 5.00
PIN-2(10)ENE	127-91-3	0.10 - 0.50

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Bronopol	52-51-7	0.00 - 0.10
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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.
- 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.

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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

- | | | |
|--|---|--|
| Requirements for storage areas and containers | : | Keep container closed when not in use. |
| Other data | : | Stable at normal ambient temperature and pressure. |

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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	: liquid
Color	: yellow
Odor	: Citrus
Odour Threshold	: Test not applicable for this product type
pH	: 6.5

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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)	: The product is not flammable.
Upper/lower flammability or explosive limits	: Not measured as flashpoint >100 °C
Vapour pressure	: 45,000 hPa at 25 °C Test not applicable for this product type
Vapour density	: Not measured as flashpoint >100 °C
Relative density	: 1.050 g/cm ³ at 20 °C
Solubility(ies)	: soluble
Partition coefficient: n-octanol/water	: Test not applicable for this product type
Auto-ignition temperature	: not auto-flammable

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Decomposition temperature	: Test not applicable for this product type
Viscosity, dynamic	: 45,000 mPa.s at 25 °C
Viscosity, kinematic	: 45,000 mm ² /s at 25 °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

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

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Hazardous decomposition products : Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL INFORMATION

Emergency Overview : Warning

Acute oral toxicity : LD50 > 5000 mg/kg

Acute inhalation toxicity : LC50 > 5.1 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

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Skin irritation	No classification proposed	-
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	-
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

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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
Alcohols, C12-14, ethoxylated (8EO)	LC50	Danio rerio (zebra fish)	2 mg/l	96 h
	NOEC	Pimephales promelas (fathead minnow)	0.16 mg/l	10 d
Polyoxyethylene lauryl ether 4 EO	LC50	Leuciscus idus (Golden orfe)	> 1 - 10 mg/l	96 h

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	EC10 Read-across (Analogy)	Pimephales promelas (fathead minnow)	0.121 mg/l	No data available
PIN-2(10)ENE	semi-static test LC50	Cyprinus carpio (Carp)	> 0.6 mg/l	96 h
	NOEC	Oncorhynchus mykiss (rainbow trout)	0.058 mg/l	60 d
Bronopol	flow-through test LC50	Lepomis macrochirus	35.7 mg/l	96 h
	flow-through test NOEC	Oncorhynchus mykiss (rainbow trout)	21.5 mg/l	49 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
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Alcohols, C12-14, ethoxylated (8EO)	EC50	Daphnia magna (Water flea)	1.4 mg/l	48 h
	QSAR EC10 QSAR	Daphnia magna	0.054 mg/l	21 d
Polyoxyethylene lauryl ether 4 EO	static test EC50	Daphnia magna (Water flea)	0.39 mg/l	48 h
	EC10 Read-across (Analogy)	Daphnia magna (Water flea)	0.14 mg/l	No data available
PIN-2(10)ENE	static test EC50 Measured	Daphnia magna (Water flea)	> 2.2 mg/l	48 h
	No data available	No data available	No data available	No data available
Bronopol	static test EC50	Daphnia magna (Water flea)	1.4 mg/l	48 h

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	flow-through test NOEC Measured	Daphnia magna	0.27 mg/l	21 d
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Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alcohols, C12-14, ethoxylated (8EO)		Algae	0.14 - 0.15 mg/l	72 h
Polyoxyethylene lauryl ether 4 EO	EC50 OECD Test Guideline 201	Desmodesmus subspicatus (green algae)	> 0.1 - 1 mg/l	72 h
PIN-2(10)ENE	EC50	green algae	1.44 mg/l	48 h
Bronopol	static test NOEC	Pseudokirchneriella subcapitata (green algae)	0.1 mg/l	72 h

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Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alcohols, C12-14, ethoxylated (8EO)	100 %	28 d	Readily biodegradable.
Polyoxyethylene lauryl ether 4 EO	95 %	28 d	Readily biodegradable.
PIN-2(10)ENE	81 %	28 d	Readily biodegradable.
Bronopol	70 - 80 %	28 d	Readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alcohols, C12-14, ethoxylated (8EO)	12.7	4.12 - 5.02
Polyoxyethylene lauryl ether 4 EO	1,162 QSAR	5.96 QSAR
PIN-2(10)ENE	1,163 estimated	5.4 Measured
Bronopol	3.19 QSAR	0.22

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Mobility

Component	End point	Value
Alcohols, C12-14, ethoxylated (8EO)	Koc	18300.1 - 48467.81
Polyoxyethylene lauryl ether 4 EO	log Koc	4
PIN-2(10)ENE	Koc	2032 estimated No data available
Bronopol	Koc	36.8 - 1486 Measured

PBT and vPvB assessment

Component	Results
Alcohols, C12-14, ethoxylated (8EO)	Not fulfilling PBT and vPvB criteria
Polyoxyethylene lauryl ether 4 EO	Not fulfilling PBT and vPvB criteria
PIN-2(10)ENE	Not fulfilling PBT and vPvB criteria
Bronopol	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

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

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

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