

## 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)

### Swarfega Orange

Version 1.2

Print Date 28/10/2024

Revision Date 28/10/2024

SDS Number 350000046373

GEN\_SOF Number 74147

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product information

**Product name** : Swarfega Orange

**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 22417700

## 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 3	Harmful to aquatic life.

### Labelling

#### Signal word

Warning

#### Hazard statements

(H320) Causes eye irritation.

(H402) Harmful to aquatic life

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#### 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
TRIDECETH-10 (EO = 10)	69011-36-5	5.00 - 10.00
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	69011-36-5	1.00 - 5.00
Bronopol	52-51-7	0.00 - 0.10

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

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#### 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.

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wash thoroughly after handling.

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**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 skin, eyes and clothing.  
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.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Occupational Exposure Limits

Components	CAS-No.	mg/m <sup>3</sup>	ppm	Non-standard units	Basis
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### Personal protective equipment

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<b>Respiratory protection</b>	:	No special requirements.
<b>Hand protection</b>	:	No special requirements.
<b>Eye protection</b>	:	No special requirements.
<b>Skin and body protection</b>	:	No special requirements.
<b>Hygiene measures</b>	:	Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	:	liquid
<b>Color</b>	:	orange
<b>Odor</b>	:	Citrus
<b>Odour Threshold</b>	:	Test not applicable for this product type
<b>pH</b>	:	7.0
<b>Melting point/freezing point</b>	:	-20°C - 0°C
<b>Initial boiling point and boiling range</b>	:	Test not applicable for this product type
<b>Flash point</b>	:	does not flash
<b>Evaporation rate</b>	:	Test not applicable for this product type

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<b>Flammability (solid, gas)</b>	: The product is not flammable.
<b>Upper/lower flammability or explosive limits</b>	: Not measured as flashpoint >100 °C
<b>Vapour pressure</b>	: Test not applicable for this product type
<b>Vapour density</b>	: Not measured as flashpoint >100 °C
<b>Relative density</b>	: Test not applicable for this product type
<b>Solubility(ies)</b>	: emulsifiable
<b>Partition coefficient: n-octanol/water</b>	: Not required as the product is a mixture.
<b>Auto-ignition temperature</b>	: Not measured as flashpoint >100 °C
<b>Decomposition temperature</b>	: Test not applicable for this product type
<b>Viscosity, dynamic</b>	: 40,000 mPa.s at 25 C
<b>Viscosity, kinematic</b>	: 39,000 mm <sup>2</sup> /s
<b>Oxidizing properties</b>	: see user defined free text

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**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

#### 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

**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

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**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
Skin irritation	No classification proposed	-
Eye irritation	Category 2B	-
Skin sensitisation	No classification proposed	-

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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

**Other information** : No data available

**Aggravated Medical Condition** : No data available

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## 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
TRIDECETH-10 (EO = 10)	No data available	No data available	No data available	No data available
	QSAR EC10 estimated	Pimephales promelas (fathead minnow)	0.236 mg/l	30 d
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
Bronopol	flow-through test LC50	Lepomis macrochirus	35.7 mg/l	96 h

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	flow-through test NOEC	Oncorhynchus mykiss (rainbow trout)	21.5 mg/l	49 d
Glycerin	static test LC50 Measured	Oncorhynchus mykiss (rainbow trout)	54,000 mg/l	96 h
	No data available	No data available	No data available	No data available

#### Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
TRIDECETH-10 (EO = 10)	No data available	No data available	No data available	No data available
	semi-static test NOEC Measured	Daphnia magna	0.218 mg/l	21 d

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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
Bronopol	static test EC50	Daphnia magna (Water flea)	1.4 mg/l	48 h
	flow-through test NOEC Measured	Daphnia magna	0.27 mg/l	21 d
Glycerin	LC50	Daphnia magna (Water flea)	1,955 mg/l	48 h
	No data available	No data available	No data available	No data available

#### Toxicity to aquatic plants

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Components	End point	Species	Value	Exposure time
TRIDECETH-10 (EO = 10)	Static EC50 Measured	Desmodesmus subspicatus (green algae)	3.4 mg/l	72 h
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available	No data available	No data available	No data available
Bronopol	static test NOEC	Pseudokirchneriella subcapitata (green algae)	0.1 mg/l	72 h
Glycerin	EC10	Microcystis aeruginosa (blue-green algae)	2,900 mg/l	168 h

#### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
TRIDECETH-10 (EO = 10)	82 % Read-across (Analogy)	28 d	
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available		Readily biodegradable.
Bronopol	70 - 80 %	28 d	Readily biodegradable.
Glycerin	94 %	24 h	Readily biodegradable.

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#### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
TRIDECETH-10 (EO = 10)	237	6.4
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available	No data available
Bronopol	3.19 QSAR	0.22
Glycerin	0.89 estimated	-1.76

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#### Mobility

Component	End point	Value
TRIDECETH-10 (EO = 10)	Koc	340.3 - 1831
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	No data available No data available	
Bronopol	Koc	36.8 - 1486 Measured
Glycerin	No data available No data available	No data available

#### PBT and vPvB assessment

Component	Results
TRIDECETH-10 (EO = 10)	Not fulfilling PBT and vPvB criteria
Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, branched (EO=7)	Not fulfilling PBT and vPvB criteria
Bronopol	Not fulfilling PBT and vPvB criteria
Glycerin	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

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### 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.

### 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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