

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 Black Box Wipes

Version 1.1

Print Date 02/05/2025

Revision Date 17/04/2025

SDS Number 350000046748

GEN_SOF Number 74534

1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Product name : Swarfega Black Box Wipes

Recommended use : Personal care – Hand Wipes

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
Flammable liquids	Category 3	Flammable liquid and vapour.
Eye irritation	Category 2A	Causes serious eye irritation.

Labelling

Hazard symbols



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Signal word

Warning

Hazard statements

(H226) Flammable liquid and vapour.

(H319) Causes serious eye irritation.

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.

(P370 + P378) In case of fire: Use .? for extinction.

(P303 + P361 + P353) IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.

(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.

(P403 + P235) Store in a well-ventilated place. Keep cool.

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

(P210) Keep away from heat/sparks/open flames/hot surfaces. No smoking.

(P233) Keep container tightly closed.

(P240) Ground/bond container and receiving equipment.

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(P241) Use explosion-proof [electrical/ventilating/lighting/ .?] equipment.

(P242) Use only non-sparking tools.

(P243) Take precautionary measures against static discharge.

(P280) Wear protective gloves.

(P264) Wash hands thoroughly after handling.

Other hazards : None identified

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Ethyl alcohol	64-17-5	20.00 - 30.00
Dimethyl glutarate	1119-40-0	5.00 - 10.00
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO=5)	9043-30-5	1.00 - 5.00
Dimethyl succinate	106-65-0	1.00 - 5.00
Dimethyl Adipate	627-93-0	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.

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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

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	: Cool and use caution when approaching or handling fire-exposed containers. For large quantities of flammable liquids, consider containment to prevent the spread of fire. 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. Wear personal protective equipment. 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 : 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 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 : 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.

Other data : The product is chemically stable.

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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
- 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** : colourless
- Odor** : Citrus
- Odour Threshold** : Test not applicable for this product type

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pH	: 6.5
Melting point/freezing point	: Test not applicable for this product type
Initial boiling point and boiling range	: Test not applicable for this product type
Flash point	: 24 °C 75.2 °F
Evaporation rate	: Test not applicable for this product type
Flammability (solid, gas)	: Test not applicable for this product type
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	: Test not applicable for this product type
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	: Test not applicable for this product type
Viscosity, kinematic	: Test not applicable for this product type
Oxidizing properties	: Test not applicable for this product type
Volatile Organic Compounds	: 30.1 % - 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	: Heat, flames and sparks.
Incompatible materials	: Strong oxidizing agents 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 corrosion/irritation	No classification proposed	-
Eye irritation	Category 2A	-
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
Ethyl alcohol	LC50	Fish	11,200 mg/l	96 h
	No data available	No data available	No data available	No data available
Dimethyl glutarate	static test LC50	Pimephales promelas (fathead minnow)	19.6 - 26.2 mg/l	96 h

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	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO=5)	LC50 OECD Test Guideline 203	Cyprinus carpio (Carp)	> 1 - 10 mg/l	96 h
	No data available	No data available	No data available	No data available
Dimethyl succinate	No data available	No data available	No data available	No data available
	QSAR NOEC estimated	No data available	13.9 mg/l	No data available
Dimethyl Adipate	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
Glycerin	static test LC50 Measured	Oncorhynchus mykiss (rainbow trout)	54,000 mg/l	96 h
	QSAR Chronic Toxicity Value Measured	Fish	9,471.097 mg/l	30 d

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Ethyl alcohol	static test LC50	Ceriodaphnia dubia	5,012 mg/l	48 h
	NOEC	Daphnia magna	9.6 mg/l	9 d
Dimethyl glutarate	static test EC50	Daphnia magna (Water flea)	> 112 - < 150 mg/l	48 h

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	No data available	No data available	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO=5)	EC50 OECD Test Guideline 202	Daphnia magna (Water flea)	> 1 - 10 mg/l	48 h
	No data available	No data available	No data available	No data available
Dimethyl succinate	static test EC50 Nominal	Daphnia magna (Water flea)	> 100 mg/l	48 h
	QSAR NOEC estimated	No data available	358.6 mg/l	No data available
Dimethyl Adipate	static test EC50 Measured	Daphnia magna (Water flea)	72 mg/l	48 h

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	No data available	No data available	No data available	No data available
Glycerin	LC50	Daphnia magna (Water flea)	1,955 mg/l	48 h
	QSAR NOEC Measured	Daphnia magna (Water flea)	897 mg/l	No data available

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Ethyl alcohol	Static EC50	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h
Dimethyl glutarate	Static EC50 Measured	Pseudokirchneriella subcapitata (green algae)	> 85 mg/l	72 h

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Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO=5)	EC50 OECD Test Guideline 201	Desmodesmus subspicatus (green algae)	> 1 - 10 mg/l	72 h
Dimethyl succinate	Static EC50 Nominal	Raphidocelis subcapitata (freshwater green alga)	> 100 mg/l	72 h
Dimethyl Adipate	Static EC50 Nominal	Raphidocelis subcapitata (freshwater green alga)	> 100 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
Ethyl alcohol	97 %	28 d	Readily biodegradable.
Dimethyl glutarate	70 %	7 d	Readily biodegradable.
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO=5)	> 70 %	28 d	Readily biodegradable.

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Dimethyl succinate	74.1 %	28 d	Readily biodegradable.
Dimethyl Adipate	97 %	28 d	
Glycerin	94 %	24 h	Readily biodegradable.

Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Ethyl alcohol	3.2 estimated	-0.35 Measured
Dimethyl glutarate	No data available	No data available
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO=5)	No data available	No data available
Dimethyl succinate	3.16	0.33
Dimethyl Adipate	No data available	1.03 No data available
Glycerin	0.89 estimated	-1.76

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Mobility

Component	End point	Value
Ethyl alcohol	Koc	1
Dimethyl glutarate	Koc	10 - 11.61
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO=5)	No data availableNo data available	
Dimethyl succinate	No data availableNo data available	
Dimethyl Adipate	No data availableNo data available	
Glycerin	No data availableNo data available	

PBT and vPvB assessment

Component	Results
Ethyl alcohol	Not fulfilling PBT and vPvB criteria
Dimethyl glutarate	Not fulfilling PBT and vPvB criteria
Poly(oxy-1,2-ethanediyl), .alpha.-isotridecyl-.omega.-hydroxy- (EO=5)	Not fulfilling PBT and vPvB criteria
Dimethyl succinate	Not fulfilling PBT and vPvB criteria

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Dimethyl Adipate	Not fulfilling PBT and vPvB criteria
Glycerin	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

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	Land transport	Sea transport	Air transport
UN number or identification number	1993	1993	1993
UN proper shipping name	FLAMMABLE LIQUID N.O.S. (ethanol), 3, III	FLAMMABLE LIQUID N.O.S. (ethanol), 3, III	FLAMMABLE LIQUID N.O.S. (ethanol), 3, III
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.

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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