

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1
Revision Date 09.03.2023

Print Date 10.03.2023
Specification Number: 350000043510

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier : Swarfega Sanitise
UFI : E944-A0YH-500R-3RHP

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Substance/Mixture : PT1 Human Hygiene Biocidal Product

Uses advised against : None identified

1.3 Details of the supplier of the safety data sheet : SC Johnson Professional Ltd.
Denby Hall Way
Denby, Derbyshire, DE5 8JZ
United Kingdom

Telephone : +44 (0) 1773 85510
+49 (0) 2151 73801827

E-mail address : talktous@scj.com

1.4 Emergency telephone number : National Poisons Information Centre (Eire) 01-8092566/8379964

SECTION 2: HAZARDS IDENTIFICATION**2.1 Classification of the substance or mixture**

Classification according to Regulation (EC) No 1272/2008 (CLP)

Hazard classification	Hazard category	Hazards identification
Flammable liquids	Category 2	Highly flammable liquid and vapour.
Eye irritation	Category 2	Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard symbols

Signal word
Danger

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

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Specification Number: 350000043510

Hazard statements

(H225) Highly flammable liquid and vapour.

(H319) Causes serious eye irritation.

Precautionary statements

(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.

(P404) Store in a closed container.

(P501) Dispose of contents /container in accordance with local regulations.

(P210) Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

2.3 Other hazards**: Endocrine Disruptor**

The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

PBT and vPvB substance

The mixture does not contain any substances >0.1% that meet the criteria for persistent, bioaccumulative and toxic or very persistent and very bioaccumulative in accordance with Annex XIII.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Mixtures****Hazardous components:**

Chemical name	CAS-No./EC-No.	Reg. No.	Classification according to Regulation (EC) No 1272/2008 (CLP)	Weight percent	Specific Concentration limits, M-Factors, Acute Toxicity Estimates (ATE)
ethyl alcohol	64-17-5 / 200-578-6	01-2119457610-43	Flammable liquids Category 2 H225 Serious eye damage/eye irritation Category 2 H319	>= 75.00 - < 100.00	<u>ATE:</u> Oral = 10,470 mg/kg Species: Rat Dermal = > 15,800 mg/kg Species: Rabbit <u>SCL:</u> Serious eye damage/eye irritation H319 >= 50 %

Additional Information

For the full text of the H-Statements mentioned in this Section, see Section 16.

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

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Specification Number: 350000043510

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

- Inhalation : No special requirements
- Skin contact : Get medical attention if irritation develops and persists.
- Eye contact : Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Ingestion : If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

- Eyes : Causes serious eye irritation.
No adverse effects expected when used as directed.
- Skin effect : No adverse effects expected when used as directed.
- Inhalation : No adverse effects expected when used as directed.
- Ingestion : May cause irritation to mouth, throat and stomach.
May cause abdominal discomfort.

4.3 Indication of any immediate medical attention and special treatment needed

See Description of first aid measures unless otherwise stated.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

- Suitable : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable : None identified

5.2 Special hazards arising from the substance or mixture

- : In case of fire and/or explosion do not breathe fumes.
For large quantities of flammable liquids, consider containment to prevent the spread of fire.
Exposure to decomposition products may be a hazard to health.

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

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Specification Number: 350000043510

5.3 Advice for firefighters : In the event of fire, wear self-contained breathing apparatus.
Wear suitable protective clothing and gloves.
Refer to current EN or National standard as appropriate.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Remove all sources of ignition.
Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

6.2 Environmental precautions : Outside of normal use, avoid release to the environment.
Prevent large amounts of product from entering drains.
Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
Use appropriate containment to avoid environmental contamination.

6.3 Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).
Clean residue from spill site.
Use only non-sparking equipment.

6.4 Reference to other sections : For personal protection see section 8.
For disposal considerations see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling : For personal protection see section 8.
Avoid contact with skin and eyes.
Smoking, eating and drinking should be prohibited in the application area.
Wear personal protective equipment.
Keep away from sources of ignition - No smoking.
Take measures to prevent the build up of electrostatic charge.

7.2 Conditions for safe storage, including any incompatibilities : No smoking.
Store in cool place.
Do not freeze.
Keep out of the reach of children.
Store away from food, beverages and pet food.
No decomposition if stored and applied as directed.

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

Print Date 10.03.2023

Specification Number: 350000043510

7.3 Specific end use(s) : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
PT1 Human Hygiene Biocidal Product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Occupational Exposure Limit Values**

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
ethyl alcohol	64-17-5		1,000 ppm		IE_STELS

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.

Hand protection : Wear suitable gloves.
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.
The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.
Before removing gloves clean them with soap and water.

Eye/face protection : Safety glasses

Skin and body protection : Wash contaminated clothing before re-use.

Other information : When using do not eat, drink or smoke.
Wash hands before breaks and at the end of workday.

Environmental Exposure Controls : Refer to section 6.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Appearance : gel

Colour : light yellow

Odour : Unfragranced

pH : 8.15
at (20 °C)

Melting point/freezing point : -20°C - 0°C

SAFETY DATA SHEET*(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)***Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

Print Date 10.03.2023

Specification Number: 350000043510

Initial boiling point and boiling range	: 85 °C
Flash point	: 15.3 °C
Flammability (solid, gas)	: May burn rapidly and create flash fire hazards
Lower flammability or explosive limits	: 3.5 %(V)
Upper flammability or explosive limits	: 15 %(V)
Vapour pressure	: 300 hPa at 55 C
Vapour density	: 1.59
Relative density	: 0.85 g/cm3 at 20 °C
Solubility(ies)	: soluble
Partition coefficient: n-octanol/water	:
Auto-ignition temperature	: 475 C
Decomposition temperature	: Not measured as mixture is not self-reactive
Viscosity, kinematic	: similar to water
Particle Characteristics	: Not required as mixture is a liquid

9.2 Other information

Other information	: Test not applicable for this product type
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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	: No dangerous reaction known under conditions of normal use.
10.2 Chemical stability	: Stable under recommended storage conditions.
10.3 Possibility of hazardous reactions	: Vapours may form explosive mixture with air.
10.4 Conditions to avoid	: Heat, flames and sparks.

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

Print Date 10.03.2023

Specification Number: 350000043510

10.5 Incompatible materials : None known.**10.6 Hazardous decomposition products** : No decomposition if stored and applied as directed.**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	LC50 (dust and mist) Calculated		> 20 mg/l	

Acute dermal toxicity

Name	Method	Species	Dose
Product	LD50 Calculated		> 2,000 mg/kg

Skin corrosion/irritation : Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation : Causes serious eye irritation.

Skin sensitisation : Based on available data, the classification criteria are not met.

Germ cell mutagenicity : Based on available data, the classification criteria are not met.

Carcinogenicity : Based on available data, the classification criteria are not met.

Toxicity for reproduction : Based on available data, the classification criteria are not met.

STOT - single exposure : Based on available data, the classification criteria are not met.

STOT - repeated exposure : Based on available data, the classification criteria are not met.

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

Print Date 10.03.2023

Specification Number: 350000043510

Aspiration hazard : Based on available data, the classification criteria are not met.

11.2 Information on other hazards

Endocrine Disrupting Properties : The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

Other information : None identified

SECTION 12: ECOLOGICAL INFORMATION**Product :** The product itself has not been tested.**12.1 Toxicity****Toxicity to fish**

Components	End point	Species	Value	Exposure time
ethyl alcohol	LC50	Fish	11,200 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
ethyl alcohol	LC50 static test	Ceriodaphnia dubia	5,012 mg/l	48 h
	NOEC	Daphnia magna	9.6 mg/l	9 d

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
ethyl alcohol	EC50 Static	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
ethyl alcohol	97 %	28 d	Readily biodegradable.

12.3 Bioaccumulative potential

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

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Specification Number: 350000043510

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
ethyl alcohol	3.2 estimated	-0.35 Measured

12.4 Mobility in soil

Component	End point	Value
ethyl alcohol	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
ethyl alcohol	Not fulfilling PBT and vPvB criteria

12.6 Endocrine Disrupting Properties : The mixture does not contain any substances >0.1% that are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties

12.7 Other adverse effects : None known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

- Product : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Disposal should be in accordance with local, state or national legislation.
Please recycle empty packaging.
- Packaging : Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

	Land transport	Sea transport	Air transport
14.1 UN number	1170	1170	1170
14.2 UN proper shipping name	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)	ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)
14.3 Transport hazard class(es)	3	3	3
14.4 Packing group	II	II	II
14.5 Environmental		Marine pollutant	

SAFETY DATA SHEET

(Regulation (EU) 2020/878 amending the annex II of REACH regulation.)

**Swarfega Sanitise**

Version 1.1

Revision Date 09.03.2023

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Specification Number: 350000043510

hazards			
14.6 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.
14.7 Maritime transport in bulk according to IMO instruments	Product not transported as bulk.	Product not transported as bulk.	Product not transported as bulk.

SECTION 15: REGULATORY INFORMATION**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

: This safety datasheet complies with the requirements of:

Regulation (EC) No. 1907/2006.

Regulation (EC) No. 1272/2008 (CLP) as amended (not applicable to cosmetics)

Regulation (EC) No. 528/2012 as amended (applicable to biocidal products)

Directive (EEC) No. 75/324 as amended (applicable to aerosols)

Regulation (EC) No. 1223/2009 amended (applicable to cosmetic products)

Regulation (EC) No. 684/2001 The surfactants contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No.648/2004 for detergents (applicable to detergents).

Directive (EC) No. 2001/95/EC - General Product Safety Directive

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)

Directive 2012/18/EU Seveso

Regulation (EU) 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

SZW list of carcinogenic, mutagenic and reproductively toxic substances

15.2 Chemical safety assessment

: Where Exposure Scenarios for the substances listed in Section 3 are available they have been assessed for the uses identified in this data sheet or on the product label and the appropriate relevant information is incorporated into this Safety Data Sheet

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SECTION 16: OTHER INFORMATION

If applicable, revision(s) are noted by the bold bars || in left-hand margin.

Key abbreviations or acronyms used

EC - European Community

EEC – European Economic Community

CLP – Classification Labelling & Packaging

EN – European Standard or European Norm

PBT – Persistent, Bioaccumulative & Toxic

vPvB – very persistent, very bioaccumulative

UN – United Nations

Evaluation methods

Unless otherwise stated in section 11, the procedure used to derive the human health classification is the relevant calculation method according to CLP regulation (EC) No 1272/2008 as amended.

Unless otherwise stated in section 12, the procedure used to derive the environmental classification is the summation of the classified components method according to CLP regulation (EC) No 1272/2008 as amended.

Full text of H-Statements

H225	Highly flammable liquid and vapour.
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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.