

SAFETY DATA SHEET

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

**Swarfega Duck Oil Aerosol**

Version 1.0

Revision Date 19.12.2022

Print Date 19.12.2022

Specification Number: 350000043497

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier** : Swarfega Duck Oil Aerosol**UFI** : HEFV-K3GR-400A-KNSJ**1.2 Relevant identified uses of the substance or mixture and uses advised against****Use of the Substance/Mixture** : Lubricants, greases, release products**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
Aerosol	Category 1	Extremely flammable aerosol.

2.2 Label elements

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

Hazard symbols**Signal word**

Danger

Hazard statements

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(H222) Extremely flammable aerosol.
 (H229) Pressurised container: May burst if heated.

Precautionary statements

(P102) Keep out of reach of children.
 (P410 + P412) Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
 (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.
 (P211) Do not spray on an open flame or other ignition source.
 (P251) Do not pierce or burn, even after use.
 (P280) Wear protective gloves.
 (P261) Avoid breathing vapours.
 (P271) Use only outdoors or in a well-ventilated area.

(EUH066) Repeated exposure may cause skin dryness or cracking.

Detergents regulations : **Contains**
 < = 5% non-ionic surfactants, over 30% aliphatic hydrocarbons,
2.3 Other hazards : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal. **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:**

Distillates (petroleum), hydrotreated light	/ 926-141-6	01-2119456620-43	Aspiration hazard Category 1 H304	>= 50.00 - < 75.00	ATE: Oral = > 5,000 mg/kg Species: Rat Dermal = > 2,000 mg/kg Species: Rabbit Inhalation = > 5.2 mg/l Species: Rat

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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)
Petroleum gas	68476-85-7 / 270-704-2	01-2119485911-31	Flammable gases Category 1 H220 Gases under pressure H280 Germ cell mutagenicity Category 1B H340 Carcinogenicity Category 1A H350	>= 30.00 - < 40.00	ATE :
sorbitan oleate	1338-43-8 / 215-665-4	Not required	Long-term (chronic) aquatic hazard Category 3 H412	>= 1.00 - < 5.00	ATE : Oral = 40,000 mg/kg Species: Rat Inhalation = > 5 mg/l Species: Rat

WEL substance					
2-methylpropan-1-ol	78-83-1 / 201-148-0	01-2119484609-23	Flammable liquids Category 3 H226 Skin irritation Category 2 H315 Serious eye damage Category 1 H318 Specific target organ toxicity - single exposure	>= 0.00 - < 0.10	ATE :

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			Category 3 H335		
			Specific target organ toxicity - single exposure Category 3 H336		

Additional Information

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

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

- Inhalation : Move to fresh air.
If breathing is affected, get medical attention.
- Skin contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Eye contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- Ingestion : Do NOT induce vomiting.
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 : May irritate eyes.
No adverse effects expected when used as directed.
- Skin effect : No adverse effects expected when used as directed.
- Inhalation : Intentional misuse by deliberately concentrating and inhaling contents can be harmful or fatal.
No adverse effects expected when used as directed.
- Ingestion : Can cause chemical pneumonitis if aspirated into lungs.
May be fatal if swallowed and enters airways.

4.3 Indication of any immediate medical attention and special treatment needed

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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 : Heating may cause an explosion.
In case of fire and/or explosion do not breathe fumes.
Exposure to decomposition products may be a hazard to health.

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.

6.2 Environmental precautions : Outside of normal use, avoid release to the environment.
Prevent large amounts of product from entering drains.
Use appropriate containment to avoid environmental contamination.

6.3 Methods and materials for containment and cleaning up : If damage occurs to aerosol can:
Clean residue from spill site.
Dike large spills.
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.
Do not breathe vapours or spray mist.
Do not use in areas without adequate ventilation.
Do not puncture.
Do not spray on a naked flame or any incandescent material.

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7.2 Conditions for safe storage, including any incompatibilities

: Do not freeze.
 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use. Keep out of the reach of children.
 No decomposition if stored and applied as directed.

7.3 Specific end use(s)

: Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
 Lubricants, greases, release products

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

Components	CAS-No.	mg/m3	ppm	Form of exposure	List
2-methylpropan-1-ol	78-83-1	225 mg/m3			IE_STELS
			75 ppm		IE_STELS
		150 mg/m3			IE_TWAS
			50 ppm		IE_TWAS

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : For prolonged or repeated contact use protective gloves.
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.

Eye/face protection : No special requirements.

Skin and body protection : No special requirements.

Other information : 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 : aerosol

Colour : brown

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Odour	: characteristic
pH	: Not required as mixture is a gas
Melting point/freezing point	: -20°C - 0°C
Initial boiling point and boiling range	: see user defined free text
Flash point	: < -60 C Propellant 70 °C liquid
Flammability (solid, gas)	: Sustains combustion
Lower flammability or explosive limits	: 0.8 %(V)
Upper flammability or explosive limits	: 9 %(V)
Vapour density	: Test not applicable for this product type
Relative density	: Not required, mixture is a aerosol
Solubility(ies)	: insoluble
Partition coefficient: n-octanol/water	: Not required as the product is a mixture.
Auto-ignition temperature	: 365 C
Decomposition temperature	:
Viscosity, kinematic	: Not required as mixture is a gas
Particle Characteristics	:
9.2 Other information	
Other information	: Test not applicable for this product type

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.

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- 10.3 Possibility of hazardous reactions** : None known.
- 10.4 Conditions to avoid** : Extremes of temperature and direct sunlight.
- 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 : Based on available data, the classification criteria are not met.
- 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.

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- 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.
- 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
Distillates (petroleum), hydrotreated light	LL50	Oncorhynchus mykiss (rainbow trout)	> 1,000 mg/l	96 h
	NOELR QSAR		0.173 mg/l	28 d
Petroleum gas	No data available			
sorbitan oleate	LC50	Oncorhynchus mykiss (rainbow trout)	471 mg/l	96 h
2-methylpropan-1-ol				

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Distillates (petroleum), hydrotreated light	No data available			
	NOELR QSAR	Daphnia magna	0.48 mg/l	21 d
Petroleum gas	No data available			

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sorbitan oleate	EC50 static test Read-across (Analogy)	Daphnia magna (Water flea)	> 1,000 mg/l	48 h
2-methylpropan-1-ol	EC50	Daphnia magna (Water flea)	1,328 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Distillates (petroleum), hydrotreated light	NOELR	Pseudokirchneriella subcapitata (green algae)	1,000 mg/l	72 h
Petroleum gas	No data available			
sorbitan oleate	EC50 Static Read- across (Analogy)	Selenastrum capricornutum, Skeletonema costatum	> 1,000 mg/l	72 h
2-methylpropan-1-ol	No data available			

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Distillates (petroleum), hydrotreated light	89.8 %	28 d	Readily biodegradable.
Petroleum gas	No data available		
sorbitan oleate	96 %	28 d	Readily biodegradable.
2-methylpropan-1-ol			

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Distillates (petroleum), hydrotreated light	61 - 159	No data available
Petroleum gas	No data available	<= 2.8
sorbitan oleate	36.46	5.89 QSAR
2-methylpropan-1-ol		

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Component	End point	Value
Distillates (petroleum), hydrotreated light	No data available	
Petroleum gas	No data available	
sorbitan oleate	No data available	
2-methylpropan-1-ol	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
Distillates (petroleum), hydrotreated light	Not fulfilling PBT and vPvB criteria
Petroleum gas	Not fulfilling PBT and vPvB criteria
sorbitan oleate	Not fulfilling PBT and vPvB criteria
2-methylpropan-1-ol	

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

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	1950	1950	1950
14.2 UN proper shipping name	AEROSOLS, flammable	AEROSOLS, flammable	AEROSOLS, flammable
14.3 Transport hazard	2	2	2.1

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class(es)			
14.4 Packing group			
14.5 Environmental 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

SECTION 16: OTHER INFORMATION

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

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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

H304	May be fatal if swallowed and enters airways.
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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.