Duck® Active Clean - Marine Wave

Version *3*.0
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SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier : Duck® Active Clean - Marine Wave

UFI : C6DE-A32U-S00V-EHDA

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

Use of the Substance/Mixture : Washing and cleaning products (including solvent based products)

Uses advised against : None known.

1.3 Details of the supplier of the safety data sheet :
SC Johnson Ltd.
Frimley Green
Camberley

GU16 7AJ

Telephone : +44 1276852000

E-mail address : ask.uk@scj.com

1.4 Emergency telephone number :
Consumer Care Center:
UK - 0800 353 353
Ireland- 1800 409 176

Poison Centre:
Ireland - (01)809 2166
Available 8.00 a.m. to 10.00 p.m. 7 days a week

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567)

Hazard classification	Hazard category	Hazards identification
Skin irritation	Category 2	Causes skin irritation.
Serious eye damage	Category 1	Causes serious eye damage.

2.2 Label elements

Labelling according to REGULATION (EC) No 1272/2008 as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

Hazard symbols



Signal word
Danger

Contains
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts

Hazard statements
(H315) Causes skin irritation.
(H318) Causes serious eye damage.

Precautionary statements
(P101) If medical advice is needed, have product container or label at hand.
(P102) Keep out of reach of children.
(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
(P310) Immediately call a POISON CENTER/doctor.
(P280) Wear eye protection.
(P264) Wash hands thoroughly after handling.

Additional Labelling
Be attentive of young children when they are near the toilet. (In bold)
For use only in toilet bowls.

Contains
isoeugenol
May produce an allergic reaction. (EUH208)

Detergents regulations : **Contains**
> = 30% Anionic surfactants, < 5% amphoteric surfactants, perfume , LINALOOL, Amyl Salicylate, Citronellol, Alpha-isomethyl ionone

2.3 Other hazards : None identified

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous components

Chemical name	CAS-No./EC No	Reg. No	Classification according to Regulation (EC) No 1272/2008 as amended by GB-CLP Regulation.	Weight percent
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6 931-534-0	-	Skin corrosion/irritationCategory 2H315Serious eye damage/eye irritationCategory 1H318	>= 40.00 - < 50.00
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	308062-28-4 931-292-6	-	Short-term (acute) aquatic hazard,Category 1,H400; Long-term (chronic) aquatic hazard,Category 2,H411Serious eye damage/eye irritation,Category 1,H318; Skin corrosion/irritation,Category 2,H315Acute toxicity,Category 4,H302M-Factor Acute - 1	>= 0.50 - < 1.00

WEL substance				
diphenyl ether	101-84-8 202-981-2	-	Short-term (acute) aquatic hazard,Category 1,H400; Long-term (chronic) aquatic hazard,Category 3,H412Eye irritation,Category 2,H319	>= 0.00 - < 0.10

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 : Take off all contaminated clothing immediately.
Wash off with soap and plenty of water.
Get medical attention if irritation develops and persists.
Wash contaminated clothing before re-use.

Eye contact : Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
Flush immediately with plenty of water for at least 15 to 20 minutes.
Get medical attention immediately.

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 damage.
No adverse effects expected when used as directed.

Skin effect	:	Causes skin irritation. 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. No adverse effects expected when used as directed.

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. 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.
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.
If the product contaminates rivers and lakes or drains inform respective authorities.
Use appropriate containment to avoid environmental contamination.

6.3 Methods and materials for containment and cleaning up : Clean residue from spill site.
Sweep up and shovel into suitable containers for disposal.

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.
Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities : Keep out of the reach of children.
Store away from food, beverages and pet food.
No decomposition if stored and applied as directed.

7.3 Specific end use(s) : Consumer uses: Private households (= general public = consumers)
Washing and cleaning products (including solvent based 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
diphenyl ether	101-84-8	14 mg/m3	2 ppm		UK_WELSTEL
		7 mg/m3	1 ppm		UK_WELTWAS

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection	:	In the case of dust or aerosol formation use 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	:	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

Physical State	:	solid
Colour	:	blue blue green
Odour	:	Functional
Odour Threshold	:	Test not applicable for this product type
pH	:	10.3 at (20 C) 5% solution
Melting point/freezing point	:	> 200℃
Initial boiling point and boiling range	:	> 100℃

Flash point	:	does not flash
Evaporation rate	:	Test not applicable for this product type
Flammability (solid, gas)	:	Does not sustain combustion.
Upper/lower flammability or explosive limits	:	Not required as mixture is a solid
Vapour pressure	:	Not measured as flashpoint >100 °C
Vapour density	:	Not required as mixture is a solid
Relative density	:	1.5 g/cm3
Solubility(ies)	:	soluble
Partition coefficient: n-octanol/water	:	Not required as the product is a mixture.
Auto-ignition temperature	:	Not required as mixture is a solid
Decomposition temperature	:	Not measured as mixture is not self-reactive
Viscosity, dynamic	:	Test not applicable for this product type
Viscosity, kinematic	:	Not required as mixture is a solid
Explosive properties	:	Test not applicable for this product type
Oxidizing properties	:	Not required

9.2 Other information

Other information	:	None identified

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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	:	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 toxicological effects

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		> 5 mg/l	

Acute dermal toxicity

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

Acute oral toxicity

Name	Method	Species	Dose
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LD50	Rat	2,220 mg/kg
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	LD50	Rat	1,064 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LC50 (dust and mist)	Rat	> 52 mg/l	4 h
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	No data available			

Acute dermal toxicity

Name	Method	Species	Dose
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LD50	Rabbit	> 6,000 mg/kg
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	LD50 Read-across (Analogy)	Rabbit	> 2,000 mg/kg

Skin corrosion/irritation : Causes skin irritation.

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

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

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
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LC50 static test	Danio rerio (zebra fish)	4.2 mg/l	96 h
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	LC50 NOEC flow-through test Read-across (Analogy)	Fish Pimephales promelas (fathead minnow)	0.6 - 32 mg/l 0.42 mg/l	96 h 302 d
diphenyl ether	LC50 flow-through test	Pimephales promelas (fathead minnow)	4 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	EC50 static test	Ceriodaphnia sp.	4.53 mg/l	48 h
	NOEC semi-static test	Daphnia magna	6.3 mg/l	21 d
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	EC50	Daphnia (water flea)	0.5 - 10.8 mg/l	48 h
	NOEC flow-through test Read-across (Analogy)	Daphnia magna (Water flea)	0.7 mg/l	21 d
diphenyl ether	LC50 static test Measured	Daphnia magna (Water flea)	1.96 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	EC50 static test	Skeletonema costatum	5.2 mg/l	72 h
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	NOEC	Algae	0.075 mg/l	72 h
diphenyl ether	EC50	Pseudokirchneriella subcapitata (green algae)	2.5 mg/l	96 h

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	> 80 %	28 d	Readily biodegradable.
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	90 %	28 d	Readily biodegradable.

diphenyl ether	76 %	20 d	Readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	70.8	-1.3
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	> 87	< 2.7
diphenyl ether	49 - 594 Measured	4.21

12.4 Mobility in soil

Component	End point	Value
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	log Koc	0.206
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	Koc	1525 Measured
diphenyl ether	log Koc	3.3

12.5 Results of PBT and vPvB assessment

Component	Results
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Not fulfilling PBT and vPvB criteria
Amines, C12-14 (even numbered)-alkyldimethyl, N-oxides	Not fulfilling PBT and vPvB criteria
diphenyl ether	Not fulfilling PBT and vPvB criteria

12.6 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
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.

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: REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758 (as amended). Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK S.I. 2019/720, and UK S.I. 2020/1567 (as amended). The Biocidal Products Regulations 2001, UK S.I. 2001/880 (applicable to biocidal products) (as amended).

The Aerosol Dispensers Regulations 2009 (applicable to Aerosol products) (as amended).

The Detergents (Amendment) (EU Exit) Regulations 2020, UK S.I. 2020/1617 (Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (applicable to detergent products) (as amended).

The Regulation (EC) No 1223/2009 on Cosmetic Products as amended by the Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (hereafter 'the Regulation') (applicable to cosmetics)

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019

The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (S.I. 2019 No. 696) (as amended)

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

Regulation 2019/1021, as amended by The Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020

15.2 Chemical safety assessment : Not required for consumer products.

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 by GB-CLP Regulation

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 by GB-CLP Regulation

Full text of H-Statements

H315	Causes skin irritation.

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.