

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**Duck® Active Clean - Marine**

Version 1.0  
Revision Date 17.07.2017

Print Date 23.10.2017  
Specification Number: 350000033090  
SITE FORM Number:  
30000000000000021895.001

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

- 1.1 Product identifier** : Duck® Active Clean - Marine
  
- 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** : +441276852000
  
- E-mail address** : ask.uk@scj.com
  
- 1.4 Emergency telephone number** : Consumer Care Center:  
UK - 0800 353 353  
Ireland - 1800 409 176

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

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 (CLP)

**Hazard symbols**



**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**Duck® Active Clean - Marine**

Version 1.0

Revision Date 17.07.2017

Print Date 23.10.2017

Specification Number: 350000033090

SITE FORM Number:  
30000000000000021895.001**Signal word**

Danger

**Contains**Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts  
potassium carbonate**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.

(P310) Immediately call a POISON CENTER/doctor.

(P305 + P351 + P338) IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

(P301 + P312) IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

(P280) Wear eye protection.

(P264) Wash hands thoroughly after handling.

**Additional Labelling**

For use only in toilet bowls.

**Detergents regulations**: **Contains**< 5% amphoteric surfactants, > 30% Anionic surfactants, perfume ,  
LINALOOL, COUMARIN, CITRONELLOL, GERANIOL, CITRAL**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 (CLP)	Weight percent
sodium sulphate	7757-82-6 231-820-9	01-2119519226-43		>= 40.00 - < 50.00
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene,	68439-57-6 270-407-8	-	Skin corrosion/irritation	>= 40.00 - < 50.00

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**Duck® Active Clean - Marine**

Version 1.0  
Revision Date 17.07.2017

Print Date 23.10.2017  
Specification Number: 350000033090  
SITE FORM Number:  
30000000000000021895.001

sodium salts			Category 2 H315 Serious eye damage/eye irritation Category 1 H318	
potassium carbonate	584-08-7 209-529-3	01-2119532646-36	Skin corrosion/irritation Category 2 H315 Serious eye damage/eye irritation Category 2A H319 Specific target organ toxicity - single exposure Category 3 H335	>= 1.00 - < 5.00
dodecyldimethylamine oxide	1643-20-5 216-700-6	01-2120068065-58	Acute aquatic toxicity Category 1 H400 Chronic aquatic toxicity Category 2 H411 Serious eye damage/eye irritation Category 1 H318 Skin corrosion/irritation	>= 0.50 - < 1.00

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**Duck® Active Clean - Marine**

Version 1.0  
 Revision Date 17.07.2017

Print Date 23.10.2017  
 Specification Number: 350000033090  
 SITE FORM Number:  
 30000000000000021895.001

			Category 2 H315 M-Factor Acute - 1	
--	--	--	--	--

WEL substance				
diphenyl ether	101-84-8 202-981-2	01-2119472545-33	Chronic aquatic toxicity Category 2 H411 Eye irritation Category 2B 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.

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**Duck® Active Clean - Marine**

Version 1.0  
Revision Date 17.07.2017

Print Date 23.10.2017  
Specification Number: 350000033090  
SITE FORM Number:  
30000000000000021895.001

**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.

**Duck® Active Clean - Marine**

Version 1.0  
 Revision Date 17.07.2017

Print Date 23.10.2017  
 Specification Number: 350000033090  
 SITE FORM Number:  
 30000000000000021895.001

- 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/m <sup>3</sup>	ppm	Form of exposure	List
diphenyl ether	101-84-8	21.3 mg/m <sup>3</sup>	3 ppm	vapour	UK_WELSTEL
		7.1 mg/m <sup>3</sup>	1 ppm	vapour	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.

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**Duck® Active Clean - Marine**

Version 1.0  
Revision Date 17.07.2017

Print Date 23.10.2017  
Specification Number: 350000033090  
SITE FORM Number:  
30000000000000021895.001

- Hand protection : Wear suitable gloves.  
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.  
The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC 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**

- Appearance : solid
- Colour : blue
- Odour : Functional
- Odour Threshold : Test not applicable for this product type
- pH : 10.3  
at (20 °C)  
1% solution
- 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 : Test not applicable for this product type
- Evaporation rate : Test not applicable for this product type
- Flammability (solid, gas) : Does not sustain combustion.
- Upper/lower flammability or explosive limits : Test not applicable for this product type
- Vapour pressure : Test not applicable for this product type

**Duck® Active Clean - Marine**

Version 1.0  
Revision Date 17.07.2017

Print Date 23.10.2017  
Specification Number: 350000033090  
SITE FORM Number:  
30000000000000021895.001

- Vapour density : Test not applicable for this product type
- Relative density : 1.5 g/cm<sup>3</sup>
- Solubility(ies) : soluble
- Partition coefficient: n-octanol/water : Test not applicable for this product type
- 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
- Explosive properties : Test not applicable for this product type
- Oxidizing properties : Test not applicable for this product type

**9.2 Other information**

Other information : None identified :

---

**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.



**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**Duck® Active Clean - Marine**

Version 1.0

Revision Date 17.07.2017

Print Date 23.10.2017

Specification Number: 350000033090

SITE FORM Number:  
30000000000000021895.001**SECTION 11: TOXICOLOGICAL INFORMATION****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
sodium sulphate	LD50	Rat	> 5,000 mg/kg
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LD50	Rat	2,310 mg/kg
potassium carbonate	LD50	Rat	1,870 mg/kg
dodecyltrimethylamine oxide	LD50	Mouse	> 1,275 mg/kg

**Acute inhalation toxicity**

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**Duck® Active Clean - Marine**

Version 1.0

Revision Date 17.07.2017

Print Date 23.10.2017

Specification Number: 350000033090

SITE FORM Number:

30000000000000021895.001

Name	Method	Species	Dose	Exposure time
sodium sulphate	LC50 (dust and mist)	Rat	> 2.4 mg/l	4 h
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LC50 (dust and mist)	Rat	> 52 mg/l	4 h
potassium carbonate	No data available			
dodecyltrimethylamine oxide	No data available			

**Acute dermal toxicity**

Name	Method	Species	Dose
sodium sulphate	No data available		
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	LD50	Rabbit	6,300 mg/kg
potassium carbonate	No data available		
dodecyltrimethylamine oxide	No data available		

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.

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**Duck® Active Clean - Marine**

Version 1.0

Revision Date 17.07.2017

Print Date 23.10.2017

Specification Number: 350000033090

SITE FORM Number:  
30000000000000021895.001

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
sodium sulphate	LC50 static test	Lepomis macrochirus	3,040 - 4,380 mg/l	96 h
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
potassium carbonate	LC50	Oncorhynchus mykiss (rainbow trout)	68 mg/l	96 h
dodecyldimethylamine oxide	LC50 semi-static test	Danio rerio (zebra fish)	31.8 mg/l	96 h
	NOEC flow-through test Read-across (Analogy)	Pimephales promelas (fathead minnow)	0.42 mg/l	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
sodium sulphate	EC50	Daphnia magna (Water flea)	650 mg/l	96 h
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	Daphnia magna	6.3 mg/l	21 d

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**Duck® Active Clean - Marine**

Version 1.0

Revision Date 17.07.2017

Print Date 23.10.2017

Specification Number: 350000033090

SITE FORM Number:  
30000000000000021895.001

	test			
potassium carbonate	EC50 static test	Daphnia pulex (Water flea)	200 mg/l	48 h
dodecyldimethylamine oxide	EC50 static test	Daphnia magna (Water flea)	3.9 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
sodium sulphate	No data available			
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	EC50 static test	Skeletonema costatum	5.2 mg/l	72 h
potassium carbonate	No data available			
dodecyldimethylamine oxide	EC50 static test	Pseudokirchneriella subcapitata (green algae)	0.2 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
sodium sulphate	No data available		
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	> 80 %	28 d	Readily biodegradable.
potassium carbonate	No data available		
dodecyldimethylamine oxide	95.27 %	28 d	Readily biodegradable.
diphenyl ether	76 %	20 d	Readily biodegradable.

**12.3 Bioaccumulative potential**

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)

**Duck® Active Clean - Marine**

Version 1.0

Revision Date 17.07.2017

Print Date 23.10.2017

Specification Number: 350000033090

SITE FORM Number:  
30000000000000021895.001

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
sodium sulphate	No data available	-4.38
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	70.8	-1.3
potassium carbonate	No data available	No data available
dodecyldimethylamine oxide	> 87	< 2.7
diphenyl ether	49 - 594 Measured	4.21

**12.4 Mobility in soil**

Component	End point	Value
sodium sulphate	No data available	
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	log Koc	0.206
potassium carbonate	No data available	
dodecyldimethylamine oxide	Koc	> 2113 Calculated
diphenyl ether	log Koc	3.3

**12.5 Results of PBT and vPvB assessment**

Component	Results
sodium sulphate	Not fulfilling PBT and vPvB criteria
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	Not fulfilling PBT and vPvB criteria
potassium carbonate	Not fulfilling PBT and vPvB criteria
dodecyldimethylamine oxide	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.

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**Duck® Active Clean - Marine**

Version 1.0  
Revision Date 17.07.2017

Print Date 23.10.2017  
Specification Number: 350000033090  
SITE FORM Number:  
30000000000000021895.001

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 Regulation (EC) No. 1907/2006.

**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**

**SAFETY DATA SHEET**

(according to Regulation (EC) No. 2015/830)



**Duck® Active Clean - Marine**

Version 1.0  
Revision Date 17.07.2017

Print Date 23.10.2017  
Specification Number: 350000033090  
SITE FORM Number:  
30000000000000021895.001

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**

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

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.