

SAFETY DATA SHEET

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



SCJP Duck® Deep Action Gel - Pine

Version 2.2
Revision Date 28.02.2020

Print Date 19.03.2020
Specification Number: 350000031678
SITE FORM Number:
3000000000000021002.004

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

- 1.1 Product identifier** : SCJP Duck® Deep Action Gel - Pine

- 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 Professional Ltd.
Denby
DE5 8JZ
UK

SC Johnson Professional GmbH
Girmesgath
47803 Krefeld
EU

- Telephone** : +44 (0) 1773 855 100

- E-mail address** : talktous@scj.com

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

Ireland Poison Centre:
Ireland - (01)809 2166

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

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Hazard classification	Hazard category	Hazards identification
Serious eye damage/eye irritation	Category 1	Causes serious eye damage.
Long-term (chronic) aquatic hazard	Category 3	Harmful to aquatic life with long lasting effects.

2.2 Label elements

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

Hazard symbols**Signal word**

Danger

Contains

formic acid

Alcohols, C13-15-branched and linear, ethoxylated EO=8

Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides

Active Ingredients (BPR)

Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides 0.1828% (0.1828g/100g)

Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides 0.2742% (0.2742g/100g)

Hazard statements

(H318) Causes serious eye damage.

(H412) Harmful to aquatic life with long lasting effects.

Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.

(P102) Keep out of reach of children.

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- (P264) Wash hands thoroughly after handling.
- (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.
- (P501) Dispose of contents /container in accordance with local regulations.
- (P280) Wear eye protection.

Additional Labelling

For use only in toilet bowls.
Do not mix with bleach or any other household cleaners.
For professional use only.

UFI: JQQT-Y2C1-100C-99YM

Detergents regulations : **Contains**
<= 5% non-ionic surfactants, Disinfectants, perfume

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
formic acid	64-18-6 200-579-1	01-2119491174-37	Skin corrosion Category 1A H314 Acute toxicity	>= 0.10 - < 0.50

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			Category 4 H302 Acute toxicity Category 3 H331 Serious eye damage/eye irritation Category 1 H318	
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	68424-95-3 270-331-5	01-2120769330-57	Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 1 H410 Acute toxicity Category 3 H302 Skin corrosion/irritation Category 1B	>= 0.10 - < 0.50

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			H314 Serious eye damage/eye irritation Category 1 H318 M-Factor Acute - 10 M-Factor Chronic - 1	
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	68391-01-5 269-919-4	Not required	Skin corrosion Category 1 H314 Long-term (chronic) aquatic hazard Category 1 H410 Short-term (acute) aquatic hazard Category 1 H400 Acute toxicity Category 4 H302 Acute toxicity Category 3	>= 0.10 - < 0.50

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			H311 Acute toxicity Category 1 H330 M-Factor Acute - 10 M-Factor Chronic - 1	
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WEL substance				
ethyl alcohol	64-17-5 200-578-6	01-2119457610-43	Flammable liquids Category 2 H225	>= 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 : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
- 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.

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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 : No adverse effects expected when used as directed.

Inhalation : May cause respiratory tract irritation.
No adverse effects expected when used as directed.
Do not mix with bleach or any other household cleaners.

Ingestion : 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.

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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.
Prevent further leakage or spillage if safe to do so.
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** : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Clean residue from spill site.
Keep in suitable, closed 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.

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7.2 Conditions for safe storage, including any incompatibilities : 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.

7.3 Specific end use(s) : Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
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 ³	ppm	Form of exposure	List
formic acid	64-18-6	9 mg/m ³	5 ppm		EUOEL_TWAS
		9.6 mg/m ³	5 ppm		UK_WELTWAS
		28.8 mg/m ³	15 ppm		UK_WELSTEL
ethyl alcohol	64-17-5	1,920 mg/m ³	1,000 ppm		UK_WELTWAS
		5,760 mg/m ³	3,000 ppm		UK_WELSTEL

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

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(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

- Appearance : liquid
- Colour : green
- Odour : Woody
- Odour Threshold : Test not applicable for this product type
- pH : 3.5 - 4.0
- Melting point/freezing point : 32 °F
- Initial boiling point and boiling range : Test not applicable for this product type
- Flash point : does not flash
- Evaporation rate : Test not applicable for this product type
- Flammability (solid, gas) : The product is not flammable.
- Upper/lower flammability or : Test not applicable for this product type

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explosive limits

Vapour pressure : Test not applicable for this product type

Vapour density : Test not applicable for this product type

Relative density : 1.000 - 1.0005 g/cm³ at 20 C

Solubility(ies) : soluble

Partition coefficient: n-octanol/water : Test not applicable for this product type

Auto-ignition temperature : does not ignite

Decomposition temperature : Test not applicable for this product type

Viscosity, dynamic : 215 - 515 cps
at 20 °C

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 : Do not mix with bleach or any other household cleaners.

10.2 Chemical stability : Stable under recommended storage conditions.

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10.3 Possibility of hazardous reactions : Do not mix with bleach or any other household cleaners.

10.4 Conditions to avoid : Extremes of temperature and direct sunlight.

10.5 Incompatible materials : Do not mix with bleach or any other household cleaners.

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 Measured OECD Test Guideline 425	Rat	> 5,000 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Product	LC50 (vapour) Measured OECD Test Guideline 403	Rat	> 5.08 mg/l	

Acute dermal toxicity

Name	Method	Species	Dose
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Product	LD50 Measured OECD Test Guideline 402	Rat	> 5,000 mg/kg
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Acute oral toxicity

Name	Method	Species	Dose
formic acid	LD50	Rat	1,100 mg/kg
	LD50 Measured	Rat	730 mg/kg
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	LD50	Rat	238 mg/kg
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	LD50	Rat	304.5 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
formic acid	LC50 (dust and mist)	Rat	7.85 mg/l	4 h
	LC50 (vapour)	Rat	7.85 mg/l	4 h
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	LC50 (dust and mist)		0.07 mg/l	
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	LC50 (vapour)	Rat	0.054 mg/l	

Acute dermal toxicity

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Name	Method	Species	Dose
formic acid	No data available		
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	LD50	Rabbit	2,930 mg/kg
	LD50	Rabbit	3,342 mg/kg
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	LD50	Rat	930 mg/kg

- Skin corrosion/irritation : Based on available data, the classification criteria are not met. OECD Test Guideline 404
- Serious eye damage/eye irritation : Causes serious eye damage. OECD Test Guideline 405
- 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**

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Components	End point	Species	Value	Exposure time
formic acid	LC50 static test Read-across (Analogy)	Danio rerio (zebra fish)	130 mg/l	96 h
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	No data available			
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	LC50	Fish	0.515 mg/l	
	NOEC	Pimephales promelas (fathead minnow)	0.03 mg/l	34 d
ethyl alcohol	LC50	Fish	11,200 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
formic acid	EC50 static test Read-across (Analogy)	Daphnia magna (Water flea)	365 mg/l	48 h
	NOEC	Daphnia magna	> 100 mg/l	21 d
Quaternary ammonium	EC50 Measured	Daphnia (water flea)	0.011 - 0.099	

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compounds, di-C8-10-alkyldimethyl, chlorides	NOEC	Daphnia magna	mg/l 0.01 - 0.099 mg/l	
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	EC50	Daphnia (water flea)	0.016 mg/l	
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
formic acid	EC50	Desmodesmus subspicatus	25 mg/l	96 h
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	No data available			
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	NOEC	Algae	0.009 mg/l	
ethyl alcohol	EC50 Static	Chlorella vulgaris (Fresh water algae)	275 mg/l	72 h

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
formic acid	100 %	14 d	Readily biodegradable.
Quaternary ammonium compounds,			Readily biodegradable.

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di-C8-10-alkyldimethyl, chlorides			
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	60 %	13 d	Readily biodegradable.
ethyl alcohol	97 %	28 d	Readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
formic acid	0.22	-2.1
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	No data available	No data available
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	182.8	3.91
ethyl alcohol	3.2 estimated	-0.35 Measured

12.4 Mobility in soil

Component	End point	Value
formic acid	log Koc	< 1.25
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	No data available	
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	Koc	640389 - 6171657
ethyl alcohol	No data available	

12.5 Results of PBT and vPvB assessment

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Component	Results
formic acid	Not fulfilling PBT and vPvB criteria
Quaternary ammonium compounds, di-C8-10-alkyldimethyl, chlorides	Not fulfilling PBT and vPvB criteria
Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides	Not fulfilling PBT and vPvB criteria
ethyl alcohol	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.

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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

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.

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Full text of H-Statements

H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very 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.