

Version 3.0 Revision Date 14.10.2020 Print Date 22.04.2021 Specification Number: 35000007511 SITE FORM Number: 30000000000000006605.003

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING **1.1 Product identifier** : SC Johnson Professional Mr. Muscle® Floor Cleaner UFI: UVSN-50P9-000H-477F 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. : SC Johnson Professional Ltd. 1.3 Details of the supplier of the : safety data sheet Denby DE5 8JZ UK SC Johnson Professional GmbH Girmesgath 47803 Krefeld ΕU Telephone +44 (0) 1773 855 100 : E-mail address talktous@scj.com : 1.4 Emergency telephone Consumer Care Center: : number UK - 0800 353 353 Ireland - 1800 409 176 Poison Center: Ireland, NPIC - 01 809 2166 (Available 8.am-10pm, 7 days a week) Ireland, NPIC - 01 809 2566 (Healthcare Professionals only) UK, NPIS - 0344 8920111 (Healthcare Professionals only)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture



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

Hazard classification	Hazard category	Hazards identification
Serious eye damage	Category 1	Causes serious eye damage.

2.2 Label elements

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



Signal word Danger

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

Hazard statements

(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.
(P280) Wear eye protection.
(P264) Wash hands thoroughly after handling.

Contains



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d-limonene reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one; and 2-methyl-2H -isothiazol-3-one(3:1) May produce an allergic reaction.				
Additional labelling For professional users only. Avoid prolonged skin contact w	ith this	product.		
Detergents regulations	:	Contains < = 5% soap, non-ionic surfactants, perfume , Limonene, GERANIOL, Dimethylol Glycol, Methylchloroisothiazolinone, Methylisothiazolinone		
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
Alcohols, C13-15-branched and linear, ethoxylated EO=8	157627-86-6	Not required	Long-term (chronic) aquatic hazard Category 3 H412 Serious eye damage Category 1 H318 Acute toxicity	>= 1.00 - < 5.00



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			Category 4	
			Н302	
d-limonene	5989-27-5 227-813-5	01-2119529223-47	Flammable liquids Category 3 H226 Skin irritation Category 2 H315 Skin sensitisation Category 1B H317 Short-term (acute) aquatic hazard Category 1 H400 Long-term (chronic) aquatic hazard Category 1 H410 Aspiration hazard Category 1 H410 Aspiration hazard	>= 0.10 - < 0.50



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	H400	
	Long-term (chronic) aquatic hazard	
	Category 1	
	H410	
	M-Factor Chronic - 10M- Factor Acute - 100	

WEL substance			
(2-	34590-94-8	01-2119450011-60	>= 1.00 - <
methoxymethylethoxy)propanol	252-104-2		5.00

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. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. 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 sym	toms and effects, both acute and delayed
Eyes	: Causes serious eye damage. 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

7/00				
5.3 Advice for firefighters	:	In the event of fire, wear self-contained breathing apparatus.		
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.		
Unsuitable	:	None identified		
Suitable	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.		

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Wear suitable protective clothing and gloves. Refer to current EN or National standard as appropriate.

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.
ON 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,	: Do not freeze.



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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)	:	Professional uses: Public domain (administration, education, entertainment, services, craftsmen) 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
(2-	34590-94-8	308	50 ppm		EUOEL_TWAS
methoxymethylethoxy)propanol		mg/m3			
		308	50 ppm		UK_WELTWAS
		mg/m3			
		924	150 ppm		UK_WELSTEL
		mg/m3			

Refer to current EN or National standard as appropriate.

8.2 Exposure controls

Respiratory protection	: In the cas	e of vapour formation use a respirator with an approved filter.		
Hand protection	Nitrile glo The selec (EU) 2016	able gloves. oves – Thickness 0.12mm; Breakthrough time >2 hours. ted protective gloves have to satisfy the specifications of Regulation 5/425 and the standard EN 374 derived from it. moving gloves clean them with soap and water.		
Eye/face protection	: Safety gla	isses		
Skin and body protection	: Wash cor	taminated clothing before re-use.		
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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	l ch	emical properties
Appearance	:	liquid
Colour	:	brown
Odour	:	Woody
Odour Threshold	:	Test not applicable for this product type
рН	:	8.5 - 9.5
Melting point/freezing point	:	32 °F
Initial boiling point and boiling range	:	100 °C
Flash point	:	> 100 °C
Evaporation rate	:	Test not applicable for this product type
Flammability (solid, gas)	:	The product is not flammable.
Upper/lower flammability or explosive limits	:	Test not applicable for this product type
Vapour pressure	:	Test not applicable for this product type
Vapour density	:	Test not applicable for this product type
Relative density	:	1.002 g/cm3 at 20 °C
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Solubility(ies)	: con	mpletely soluble	
Partition coefficient: n- octanol/water	: Tes	st not applicable for this product type	
Auto-ignition temperature	: Tes	st not applicable for this product type	
Decomposition temperature	: Tes	st not applicable for this product type	
Viscosity, dynamic		0 - 900 mPa.s 25 °C	
Viscosity, kinematic	: Tes	st not applicable for this product type	
Explosive properties	: Not	t applicable	
Oxidizing properties		st not applicable for this product type t applicable	
9.2 Other information			
Other information	: Nor	ne identified	:

SECTION 10: STABILITY AND REACTIVIT			
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.		
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10.6 Hazardous decomposition : No decomposition if stored and applied as directed. **products**

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute oral toxicity

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

Acute inhalation toxicity

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

Acute dermal toxicity

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

Acute oral toxicity

Name	Method	Species	Dose
Alcohols, C13-15-branched and linear, ethoxylated EO=8	LD50		1,100 mg/kg
d-limonene	LD50 Measured	Rat	> 2,000 mg/kg



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reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one; and 2-methyl-2H -isothiazol-3- one(3:1)	LD50	Rat	64 mg/kg

Acute inhalation toxicity

Name	Method	Species	Dose	Exposure time
Alcohols, C13-15-branched and linear, ethoxylated EO=8	No data available			
d-limonene	No data available			
reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one; and 2-methyl-2H -isothiazol-3- one(3:1)	LC50 (dust and mist)	Rat	0.33 mg/l	4 h

Acute dermal toxicity

Name	Method	Species	Dose
Alcohols, C13-15-branched and	LD50		> 2,000 mg/kg
linear, ethoxylated EO=8			
d-limonene	LD50	Rabbit	> 5 g/kg
reaction mass of: 5-chloro-2-	LD50	Rabbit	87 mg/kg
methyl-4-isothiazolin-3-one; and			
2-methyl-2H -isothiazol-3-			
one(3:1)			

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

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

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

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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
Alcohols, C13-15-branched and linear, ethoxylated EO=8	LC50	Oncorhynchus mykiss (rainbow trout)	> 1 - < 10 mg/l	48 h
d-limonene	LC50 semi-static test OECD Test Guideline 203	Pimephales promelas (fathead minnow)	0.41 mg/l	96 h
reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one; and 2- methyl-2H -isothiazol-3-one(3:1)	LC50 flow-through test Measured	Oncorhynchus mykiss (rainbow trout)	0.19 mg/l	96 h



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(2-methoxymethylethoxy)propanol	LC50 static test	Poecilia reticulata (guppy)	> 1,000 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alcohols, C13-15-branched and linear, ethoxylated EO=8	EC50	Daphnia magna (Water flea)	> 1 - < 10 mg/l	48 h
d-limonene	EC50 static test	Daphnia magna (Water flea)	0.36 mg/l	48 h
	NOEC QSAR	Daphnia magna	0.115 mg/l	16 d
reaction mass of: 5-chloro-2- methyl-4-isothiazolin-3-one; and 2- methyl-2H -isothiazol-3-one(3:1)	EC50 Flow through Measured	Daphnia magna (Water flea)	0.16 mg/l	48 h
(2-methoxymethylethoxy)propanol	LC50 static test	Daphnia magna (Water flea)	1,919 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alcohols, C13-15-branched and linear, ethoxylated EO=8	EC50	Desmodesmus subspicatus (green algae)	> 1 - < 10 mg/l	72 h
d-limonene	NOEC static test	Pseudokirchneriella subcapitata (green algae)	0.05 mg/l	72 h



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reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one; and 2-methyl-2H -isothiazol-3-one(3:1)	ErC50 Measured	Scenedesmus capricornutum (fresh water algae)	0.027 mg/l	72 h
(2-methoxymethylethoxy)propanol	EC50	Pseudokirchneriella subcapitata (green algae)	969 mg/l	72 h

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alcohols, C13-15-branched and linear, ethoxylated EO=8	60 %	28 d	Readily biodegradable.
d-limonene	80 %	28 d	Readily biodegradable.
reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one; and 2-methyl- 2H -isothiazol-3-one(3:1)	> 60 %	28 d	Not readily biodegradable.
(2-methoxymethylethoxy)propanol	96 %	28 d	Readily biodegradable.

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alcohols, C13-15-branched and linear, ethoxylated EO=8	No data available	No data available
d-limonene	1,022 QSAR	4.38
reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one; and 2-methyl-2H -isothiazol-3-one(3:1)	0.90	No data available
(2-methoxymethylethoxy)propanol	< 100 Calculated	0.004



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12.4 Mobility in soil

Component	End point	Value
Alcohols, C13-15-branched and linear, ethoxylated EO=8	No data available	
d-limonene	Кос	6324
reaction mass of: 5-chloro-2-methyl- 4-isothiazolin-3-one; and 2-methyl-2H -isothiazol-3-one(3:1)	No data available	
(2-methoxymethylethoxy)propanol	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
Alcohols, C13-15-branched and linear, ethoxylated EO=8	Not fulfilling PBT and vPvB criteria
d-limonene	Not fulfilling PBT and vPvB criteria
reaction mass of: 5-chloro-2-methyl-4- isothiazolin-3-one; and 2-methyl-2H - isothiazol-3-one(3:1)	Not fulfilling PBT and vPvB criteria
(2-methoxymethylethoxy)propanol	Not fulfilling PBT and vPvB criteria

12.6 Other adverse effects

None known.

:

ECTION 13: DISPOSAL CONSIDE		
13.1 Waste treatment meth	ods	
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.
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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

: This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.
: Not required for consumer products.
e bold bars in left-hand margin.
ng

EN – European Standard or European Norm

PBT – Persistent, Bioaccumulative & Toxic

vPvB – very persistent, very bioaccumulative



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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

H226	Flammable liquid and vapour.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.



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H412	Harmful to aquatic life with long lasting effects.

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