

SAFETY DATA SHEET

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



Mr Muscle® - Shout Stain Removing Spray

Version 3.1
Revision Date 14.11.2016

Print Date 19.10.2017
Specification Number: 350000007684
SITE FORM Number:
30000000000000006747.005

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

- 1.1 Product identifier** : Mr Muscle® - Shout Stain Removing Spray

- 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
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

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Danger

Contains

Alcohols, C12-14, ethoxylated
Alcohols, C13-15-branched and linear, ethoxylated EO=8
Alcohols, C13-15, branched and linear, ethoxylated

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 or doctor/ physician.
(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.
(P260) Do not breathe spray.
(P264) Wash hands thoroughly after handling.

Additional Labelling

Use only in well-ventilated areas.
As with any household product avoid prolonged skin contact with this product

Contains

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.

Detergents regulations :

Contains

> = 5% and < 15% non-ionic surfactants, Enzymes, perfume , 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

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Alcohols, C12-14, ethoxylated	68439-50-9 500-213-3	01-2119487984-16	Chronic aquatic toxicity Category 3 H412 Serious eye damage/eye irritation Category 1 H318 Acute aquatic toxicity Category 1 H400	>= 1.00 - < 5.00
Alcohols, C13-15-branched and linear, ethoxylated EO=8	157627-86-6 500-337-8	02-2119548515-35- 0000	Chronic aquatic toxicity Category 3 H412 Serious eye damage Category 1 H318 Acute toxicity Category 4 H302	>= 1.00 - < 5.00
Alcohols, C13-15, branched and linear, ethoxylated	157627-86-6 500-337-8	-	Acute aquatic toxicity Category 1 H400 Chronic aquatic toxicity Category 3 H412 Serious eye damage Category 1 H318	>= 1.00 - < 5.00
Citric acid monohydrate	5949-29-1	-	Eye irritation Category 2 H319	>= 1.00 - < 5.00
sodium hydroxide	1310-73-2 215-185-5	01-2119982981-22	Skin corrosion Category 1A H314 Serious eye damage Category 1 H318	>= 1.00 - < 5.00

Additional Information

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

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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.

- 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 : No adverse effects expected when used as directed.

- Ingestion : 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.

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- 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** : Prevent 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.
- 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.

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30000000000000006747.005**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
sodium hydroxide	1310-73-2	2 mg/m3			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.
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 : liquid
- Colour : light blue
- Odour : floral
- Odour Threshold : Test not applicable for this product type
- pH : 6.15
at (20 °C)

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Melting point/freezing point	:	0 °C	
Initial boiling point and boiling range	:	Test not applicable for this product type	
Flash point	:	> 100 °C	
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	
Vapour density	:	Test not applicable for this product type	
Relative density	:	1.015 g/cm ³ at 20 °C	
Solubility(ies)	:	completely 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	:	450 mPa.s 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	
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.

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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**Information on toxicological effects****Acute oral toxicity**

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

Acute inhalation toxicity

No data available

Acute dermal toxicity

No data available

Acute oral toxicity

Name	Method	Species	Dose
Alcohols, C12-14, ethoxylated	LD50	Rat	> 2,000 mg/kg
Alcohols, C13-15-branched and linear, ethoxylated EO=8	No data available		
Alcohols, C13-15, branched and linear, ethoxylated	No data available		
Citric acid monohydrate	LD50	Rat	3,000 mg/kg
sodium hydroxide			

Acute inhalation toxicity

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Name	Method	Species	Dose	Exposure time
Alcohols, C12-14, ethoxylated	No data available			
Alcohols, C13-15-branched and linear, ethoxylated EO=8	No data available			
Alcohols, C13-15, branched and linear, ethoxylated	No data available			
Citric acid monohydrate	No data available			
sodium hydroxide	No data available			

Acute dermal toxicity

Name	Method	Species	Dose
Alcohols, C12-14, ethoxylated	No data available		
Alcohols, C13-15-branched and linear, ethoxylated EO=8	No data available		
Alcohols, C13-15, branched and linear, ethoxylated	No data available		
Citric acid monohydrate	No data available		
sodium hydroxide	LD50	Rabbit	1,350 mg/kg

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

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.

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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, C12-14, ethoxylated	LC50	Leuciscus idus (Golden orfe)	> 1 - 10 mg/l	
Alcohols, C13-15-branched and linear, ethoxylated EO=8	LC50	Oncorhynchus mykiss (rainbow trout)	> 1 - < 10 mg/l	48 h
Alcohols, C13-15, branched and linear, ethoxylated	LC50	Danio rerio (zebra fish)	1 - 10 mg/l	96 h
Citric acid monohydrate	LC50 static test	Lepomis macrochirus	1,516 mg/l	96 h
sodium hydroxide	LC50	Fish	35 - 189 mg/l	96 h

Toxicity to aquatic invertebrates

Components	End point	Species	Value	Exposure time
Alcohols, C12-14, ethoxylated	EC50 static test	Daphnia magna (Water flea)	0.39 mg/l	48 h
Alcohols, C13-15-branched and linear, ethoxylated EO=8	EC50	Daphnia magna (Water flea)	> 1 - < 10 mg/l	48 h
Alcohols, C13-15, branched and linear, ethoxylated	EC50	Daphnia magna (Water flea)	1 - 10 mg/l	48 h

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	NOEC		> 0.1 - < 1 mg/l	
Citric acid monohydrate	EC50	Daphnia magna (Water flea)	120 mg/l	72 h
sodium hydroxide	EC50	Daphnia magna (Water flea)	40.4 mg/l	48 h

Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Alcohols, C12-14, ethoxylated	EC50	Desmodesmus subspicatus (green algae)	> 0.1 - 1 mg/l	
Alcohols, C13-15-branched and linear, ethoxylated EO=8	EC50	Desmodesmus subspicatus (green algae)	> 1 - < 10 mg/l	72 h
Alcohols, C13-15, branched and linear, ethoxylated	EC50	Desmodesmus subspicatus	1 - 10 mg/l	72 h
Citric acid monohydrate	No data available			
sodium hydroxide	No data available			

12.2 Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Alcohols, C12-14, ethoxylated	95 %	28 d	Readily biodegradable
Alcohols, C13-15-branched and linear, ethoxylated EO=8	60 %	28 d	Readily biodegradable
Alcohols, C13-15, branched and linear, ethoxylated	> 60 %	28 d	Readily biodegradable
Citric acid monohydrate	No data available		
sodium hydroxide	No data available		

12.3 Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Alcohols, C12-14, ethoxylated	1,162 QSAR	5.96 QSAR

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Alcohols, C13-15-branched and linear, ethoxylated EO=8	No data available	No data available
Alcohols, C13-15, branched and linear, ethoxylated	No data available	No data available
Citric acid monohydrate	No data available	-1.72
sodium hydroxide	0.89 estimated	-1.38

12.4 Mobility in soil

Component	End point	Value
Alcohols, C12-14, ethoxylated	No data available	
Alcohols, C13-15-branched and linear, ethoxylated EO=8	No data available	
Alcohols, C13-15, branched and linear, ethoxylated	No data available	
Citric acid monohydrate	No data available	
sodium hydroxide	No data available	

12.5 Results of PBT and vPvB assessment

Component	Results
Alcohols, C12-14, ethoxylated	Not fulfilling PBT and vPvB criteria
Alcohols, C13-15-branched and linear, ethoxylated EO=8	Not fulfilling PBT and vPvB criteria
Alcohols, C13-15, branched and linear, ethoxylated	Not fulfilling PBT and vPvB criteria
Citric acid monohydrate	Not fulfilling PBT and vPvB criteria
sodium hydroxide	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.

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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.

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

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H412	Harmful 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.