Mr Muscle Platinum Window and Glass with Vinegar (SC Johnson)

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SAFETY DATA SHEET

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

SC Johnson Professional Mr Muscle ® Window & Glass

Version 1.0 Print Date 01.04.2022

Revision Date 20.01.2022 Specification Number: 350000041974

SITE FORM Number:

30000000000000029859.001

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

1.1 Product identifier : SC Johnson Professional Mr Muscle ® Window & Glass

UFI: PP7R-43W9-J00P-04QV

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 : SC Johnson Professional Ltd.

safety data sheet 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 : Consumer Care Center:

number UK - 0800 353 353

Ireland- 1800 409 176

Poison Centre:

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)

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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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

This product does not meet the criteria for classification in any hazard class according to regulation (EC) 1272/2008.

2.2 Label elements

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

Precautionary statements
(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.
(P264) Wash hands thoroughly after handling.
Additional Labelling
Use only in well-ventilated areas.
Keep out of reach of children and pets.
For professional users only.
Detergents regulations : Contains
< = 5% Anionic surfactants, 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 Weight
Regulation (EC) No percent
1272/2008 (CLP)
2-hexyloxyethanol 112-25-4 01-2119486575-24 Acute toxicity >= 1.00 - <
203-951-1 Category 4 5.00
H302
Acute toxicity
Category 4
H312
Skin corrosion
Category 1B
H314
Serious eye damage
Category 1
H318
WEL substance
propane-1,2-diol 57-55-6 01-2119456809-23 >= 0.10 - <
200-338-0 0.50

acetic acid 64-19-7 01-2119475328-30 Flammable liquids >= 0.10 - <
200-580-7 Category 3 0.50
H226

Skin corrosion
Category 1A
H314
Acute toxicity
Category 4
H312
Serious eye damage/eye
irritation
Category 1
H318
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 : No special requirements
Skin contact : Rinse with plenty of water.

Get medical attention if irritation develops and persists.
Eye contact : Rinse with plenty of water.
Get medical attention if irritation develops and persists.
Ingestion : If symptoms persist, call a physician.
4.2 Most important symptoms and effects, both acute and delayed
Eyes : 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 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 : In case of fire and/or explosion do not breathe fumes.
the substance or mixture 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, : Use personal protective equipment.
protective equipment and
emergency procedures
6.2 Environmental precautions : Outside of normal use, avoid release to the environment.
Prevent large amounts of product from entering drains.
Prevent further leakage or spillage if safe to do so.
Use appropriate containment to avoid environmental contamination.
6.3 Methods and materials for : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder,
containment and cleaning up 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.
Normal measures for preventive fire protection.

7.2 Conditions for safe storage, : Do not freeze.
including any incompatibilities Keep out of the reach of children.
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
propane-1,2-diol 57-55-6 1,422 450 ppm total particulate UK_WELSTEL
mg/m3 and vapour
30 mg/m3 particulate UK_WELSTEL
474 150 ppm total particulates UK_WELTWAS
mg/m3 and vapour
10 mg/m3 particulate UK_WELTWAS
acetic acid 64-19-7 25 mg/m3 10 ppm EUOEL_TWAS
50 mg/m3 20 ppm UK_WELSTEL
25 mg/m3 10 ppm UK_WELTWAS
Refer to current EN or National standard as appropriate.

8.2 Exposure controls
Respiratory protection : No personal respiratory protective equipment normally required.
Hand protection : For prolonged or repeated contact use protective gloves.
Nitrile gloves – Thickness 0.12mm; Breakthrough time >2 hours.
Eye/face protection : No special requirements.
Skin and body protection : No special requirements.
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 : characteristic
Odour Threshold : Test not applicable for this product type
pH : acidic
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 : 56 °C
Evaporation rate : Test not applicable for this product type
Flammability (solid, gas) : Does not sustain combustion.
Upper/lower flammability or : Test not applicable for this product type
explosive limits
Vapour pressure : Test not applicable for this product type
Vapour density : not determined
Relative density : Test not applicable for this product type
Solubility(ies) : completely soluble
Partition coefficient: n- : Test not applicable for this product type
octanol/water
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 : None known.
reactions
10.4 Conditions to avoid : Extremes of temperature and direct sunlight.
10.5 Incompatible materials : None known.
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 (dust and > 5 mg/l
mist)
Calculated
Acute dermal toxicity
Name Method Species Dose
Product LD50 > 2,000 mg/kg
Calculated
Acute oral toxicity
Name Method Species Dose
2-hexyloxyethanol LD50 R at 7 38 mg/kg
Acute inhalation toxicity
Name Method Species Dose Exposure time
2-hexyloxyethanol LC50 (vapour) Rat > 0.787 mg/l 6 h
Measured
Acute dermal toxicity
Name Method Species Dose
2-hexyloxyethanol LD50 Rabbit 757.35 mg/kg

Skin corrosion/irritation : Based on available data, the classification criteria are not met.
Serious eye damage/eye : Based on available data, the classification criteria are not met.
irritation
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
2-hexyloxyethanol LC50 static test Pimephales promelas 140 mg/l 96 h
(fathead minnow)

propane-1,2-diol LC50 static test Oncorhynchus mykiss 40,613 mg/l 96 h
Measured (rainbow trout)
Chronic Toxicity Value Fish 2,500 mg/l 30 d
QSAR
acetic acid LC50 static test Lepomis macrochirus 75 mg/l 96 h
Toxicity to aquatic invertebrates
Components End point Species Value Exposure time
2-hexyloxyethanol EC50 static test Daphnia magna (Water 145 mg/l 48 h
flea)
propane-1,2-diol EC50 static test Ceriodaphnia dubia 18,340 mg/l 48 h
Measured
NOEC semi-static Ceriodaphnia sp. 1 3,020 mg/l 7 d
test Measured
acetic acid EC50 static test Daphnia magna (Water 65 mg/l 48 h
flea)
Toxicity to aquatic plants

Components End point Species Value Exposure time
2-hexyloxyethanol EC50 static test Desmodesmus 147.128 mg/l 96 h
subspicatus (green
algae)
propane-1,2-diol EC50 static test Scenedesmus 19,000 mg/l 96 h
Measured capricornutum (fresh
water algae)
acetic acid EC50 Static Skeletonema > 300.82 mg/l 72 h
costatum
12.2 Persistence and degradability
Component Biodegradation Exposure time Summary
2-hexyloxyethanol 96.8 %.. 20 d Readily biodegradable.
propane-1,2-diol 81.7 %..Measured 28 d Readily biodegradable.
acetic acid 96 %.. 20 d Readily biodegradable.
12.3 Bioaccumulative potential
Component Bioconcentration factor (BCF) Partition Coefficient n-Octanol/water
(log)
2-hexyloxyethanol 5.8 estimated 1.97
propane-1,2-diol 0.09 -1.07

acetic acid 3.16 -0.17
12.4 Mobility in soil
Component End point Value
2-hexyloxyethanol Koc 10..estimated
propane-1,2-diol Koc 2.9..Measured
acetic acid Koc 1.15..
12.5 Results of PBT and vPvB assessment
Component Results
2-hexyloxyethanol Not fulfilling PBT and vPvB criteria
propane-1,2-diol Not fulfilling PBT and vPvB criteria
acetic acid 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 : This safety datasheet complies with the requirements of:
environmental
regulations/legislation specific for Regulation (EC) No. 1907/2006.
the substance or mixture
Regulation (EC) No. 1272/2008 (CLP) as amended (not applicable to
cosmetics)
Regulation (EC) No. 528/2012 as amended (applicable to biocidal products)
Directive (EEC) No. 75/324 as amended (applicable to aerosols)
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Regulation (EC) No. 1223/2009 amended (applicable to cosmetic products)
Regulation (EC) No. 684/2001 The surfactants contained in this preparation
comply with the biodegradability criteria laid down in Regulation (EC)
No.648/2004 for detergents (applicable to detergents).
Directive (EC) No. 2001/95/EC - General Product Safety Directive
European Agreement concerning the International Carriage of Dangerous
Goods by Road (ADR)
Directive 2012/18/EU Seveso
Regulation 850/2004 on persistent organic pollutants and amending
Directive 79/117/EEC
SZW list of carcinogenic, mutagenic and reproductively toxic substances
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
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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.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
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.