

## Safety Data Sheet

According to Occupational Safety and Health (Classification, Labelling and Safety Data Sheets of Hazardous Chemicals) Regulations 2013 (CLASS Regulations) and Industry Code of Practice (on chemicals classification and hazard communication) 2014 (ICOP 2014)



### MR. MUSCLE BATHROOM CLEANER FLORAL

Version 1.1

Print Date 06/27/2023

Revision Date 04/24/2022

SDS Number 350000019882

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### Product information

**Product name** : MR. MUSCLE BATHROOM CLEANER FLORAL

**Recommended use** : Speciality Cleaner

**Manufacturer, importer, supplier** : S.C. Johnson & Son (M) Sdn. Bhd.  
Suite 20-1, UOA Corporate Tower  
The Vertical  
8 Jalan Kerinchi, Bangsar South  
Kuala Lumpur 59200

**Telephone** : +60 322417100

**Emergency telephone number** : Consumer Careline: 1800-88-0081

#### 2. HAZARDS IDENTIFICATION

##### Classification of the substance or mixture

##### Globally Harmonized System (GHS) Classification

Hazard classification	Hazard category	Hazards identification
Acute toxicity	Category 5	May be harmful if swallowed.
Skin corrosion	Category 1B	Causes severe skin burns and eye damage.
Serious eye damage	Category 1	Causes serious eye damage.

##### Labelling

##### Hazard symbols



##### Signal word

Danger

##### Hazard statements

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H303) May be harmful if swallowed.  
H314) Causes severe skin burns and eye damage.

#### Precautionary statements

(P101) If medical advice is needed, have product container or label at hand.  
(P102) Keep out of reach of children.  
(P103) Read label before use.  
(P310) Immediately call a POISON CENTER/doctor.  
(P321) Specific treatment (see supplemental first aid instructions on this label).  
(P304 + P340) IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
(P303 + P361 + P353) IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.  
(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 + P330 + P331) IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
(P363) Wash contaminated clothing before reuse.  
(P405) Store locked up.  
(P501) Dispose of contents/ container to an approved incineration plant.  
(P280) Wear protective gloves.  
(P260) Do not breathe dust or mist.  
(P264) Wash hands thoroughly after handling.

**Other hazards** : None identified

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS-No.	Weight percent
Hydrochloric acid	7647-01-0	5.00 - 10.00
C12-14 PARETH-3 (9 EO)	68439-50-9	1.00 - 5.00

The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

For additional information on product ingredients, see [www.whatsinsidescjohnson.com](http://www.whatsinsidescjohnson.com).

### 4. FIRST AID MEASURES

**Eye contact** : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

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rinsing. Immediately call a POISON CENTER/doctor. Get medical attention immediately.

- Skin contact** : IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a POISON CENTER/doctor.
- Inhalation** : IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Ingestion** : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

#### 5. FIREFIGHTING MEASURES

- Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Specific hazards during firefighting** : Container may melt and leak in heat of fire.
- Further information** : Wear full protective clothing and positive pressure self-contained breathing apparatus. In case of fire and/or explosion do not breathe fumes.

#### 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear personal protective equipment. Wash thoroughly after handling.
- Environmental precautions** : Outside of normal use, avoid release to the environment.
- Methods and materials for containment and cleaning up** : Dike large spills. Clean residue from spill site.

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#### 7. HANDLING AND STORAGE

##### Handling

**Precautions for safe handling** : Avoid contact with skin, eyes and clothing. For personal protection see section 8. Use only as directed. KEEP OUT OF REACH OF CHILDREN AND PETS. Avoid breathing vapours, mist or gas. Wash thoroughly after handling.

**Advice on protection against fire and explosion** : Normal measures for preventive fire protection.

##### Storage

**Requirements for storage areas and containers** : Keep container closed when not in use. Store locked up.

#### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

##### Occupational Exposure Limits

ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

##### Personal protective equipment

**Respiratory protection** : Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.

**Hand protection** : Rubber gloves

**Eye protection** : Wear splash-resistant Chemical goggles.

**Skin and body protection** : Protective footwear.

**Hygiene measures** : Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

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#### 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	: liquid
<b>Color</b>	: blue
<b>Odor</b>	: floral
<b>Odour Threshold</b>	: Test not applicable for this product type
<b>pH</b>	: 0.5 - 1.0
<b>Melting point/freezing point</b>	: 0 °C
<b>Initial boiling point and boiling range</b>	: Test not applicable for this product type
<b>Flash point</b>	: > 96 °C > 204.8 °F
<b>Evaporation rate</b>	: Test not applicable for this product type
<b>Flammability (solid, gas)</b>	: Does not sustain combustion.
<b>Upper/lower flammability or explosive limits</b>	: Test not applicable for this product type
<b>Vapour pressure</b>	: Test not applicable for this product type
<b>Vapour density</b>	: Test not applicable for this product type

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<b>Relative density</b>	:	> 1.05 g/cm <sup>3</sup> at 25 °C	
<b>Solubility(ies)</b>	:	completely soluble	
<b>Partition coefficient: n-octanol/water</b>	:	Test not applicable for this product type	
<b>Auto-ignition temperature</b>	:	Test not applicable for this product type	
<b>Decomposition temperature</b>	:	Test not applicable for this product type	
<b>Viscosity, dynamic</b>	:	10 mPa.s	
<b>Viscosity, kinematic</b>	:	Test not applicable for this product type	
<b>Oxidizing properties</b>	:	Test not applicable for this product type	
<b>Volatile Organic Compounds Total VOC (wt. %)*</b>	:	0.1 % - additional exemptions may apply *as defined by US Federal and State Consumer Product Regulations	
<b>Other information</b>	:	None identified	:

#### 10. STABILITY AND REACTIVITY

<b>Possibility of hazardous reactions</b>	:		
<b>Conditions to avoid</b>	:	Direct sources of heat.	

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

**Hazardous decomposition products** : Thermal decomposition can lead to release of irritating gases and vapours.

#### 11. TOXICOLOGICAL INFORMATION

**Emergency Overview** : Danger

**Acute oral toxicity** : LD50 2798 mg/kg

**Acute inhalation toxicity** : LC50 > 5.1 mg/L

**Acute dermal toxicity** : LD50 > 5000 mg/kg

GHS Properties	Classification	Routes of entry
Acute toxicity	Category 5	Oral
Acute toxicity	No classification proposed	Dermal
Acute toxicity	No classification proposed	Inhalation - Dust and Mist
Acute toxicity	No classification proposed	Inhalation - Vapour
Acute toxicity	No classification proposed	Inhalation - Gas
Skin corrosion	Category 1B	-
Serious eye damage	Category 1	-
Skin sensitisation	No classification proposed	-
Respiratory sensitisation	No classification proposed	-
Germ cell mutagenicity	No classification proposed	-

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Carcinogenicity	No classification proposed	-
Reproductive toxicity	No classification proposed	-
Specific target organ toxicity - single exposure	No classification proposed	-
Specific target organ toxicity - repeated exposure	No classification proposed	-
Aspiration hazard	No classification proposed	-

**Aggravated Medical Condition** :

## 12. ECOLOGICAL INFORMATION

**Product** : The product itself has not been tested.

### Toxicity

The ingredients in this formula have been reviewed and no adverse impact to the environment is expected when used according to label directions.

### Toxicity to fish

Components	End point	Species	Value	Exposure time
Hydrochloric acid	semi-static test LC50	Lepomis macrochirus (Bluegill sunfish)	3.25 - 3.5 mg/l	96 h
C12-14 PARETH-3 (9 EO)	No data available			

### Toxicity to aquatic invertebrates

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Components	End point	Species	Value	Exposure time
Hydrochloric acid	static test EC50	Daphnia magna (Water flea)	4.92 mg/l	48 h
C12-14 PARETH-3 (9 EO)	No data available			

#### Toxicity to aquatic plants

Components	End point	Species	Value	Exposure time
Hydrochloric acid	static test EC50	Chlorella vulgaris (Fresh water algae)	4.7 mg/l	72 h
C12-14 PARETH-3 (9 EO)	No data available			

#### Persistence and degradability

Component	Biodegradation	Exposure time	Summary
Hydrochloric acid	No data available		
C12-14 PARETH-3 (9 EO)	86 %		Readily biodegradable.

#### Bioaccumulative potential

Component	Bioconcentration factor (BCF)	Partition Coefficient n-Octanol/water (log)
Hydrochloric acid	No data available	0.25
C12-14 PARETH-3 (9 EO)	No data available	No data available

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#### Mobility

Component	End point	Value
Hydrochloric acid	No data available	
C12-14 PARETH-3 (9 EO)	No data available	

#### PBT and vPvB assessment

Component	Results
Hydrochloric acid	Not fulfilling PBT and vPvB criteria

**Other adverse effects** : None known.

### 13. DISPOSAL CONSIDERATIONS

Consumer may discard empty container in trash, or recycle where facilities exist.

### 14. TRANSPORT INFORMATION

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	Land transport	Sea transport	Air transport
<b>UN number</b>	1789	1789	1789
<b>UN proper shipping name</b>	HYDROCHLORIC ACID, mixture	HYDROCHLORIC ACID, mixture	HYDROCHLORIC ACID, mixture
<b>Transport hazard class(es)</b>	8	8	8
<b>Packing group</b>	II	II	II
<b>Environmental hazards</b>	-	-	-
<b>Special precautions for user</b>	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.	Limited quantities derogation may be applicable to this product, please check transport documents.

#### 15. REGULATORY INFORMATION

#### 16. OTHER INFORMATION

Safety Data Sheets (SDS) are intended to provide workers and emergency personnel with the proper procedures for handling or working with products. The information is intended to address handling of our products in occupational environments in accordance with country and region specific regulatory requirements under the Global Harmonization System of Classification and Labeling of chemicals and mixtures. These SDSs are not applicable to consumer use of our products.

#### Further information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by	SC Johnson Global Safety Assessment &
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