

# Marks & Spencer Homecare Products Ingredients and Safety Data Sheet

## 1. Identification of Substance/Mixture and of the company undertaking

**Product Name:** SIMPLY M&S thick active toilet gel LIMESCALE REMOVER 750ml

**UPC:** M00479264S

**Series Number:** 1

## 2. Hazard Identification

**Classification of the substance or mixture**

**Classification according to 1999/45/EC**

Irritant. R36/38 - Irritating to eyes and skin

**Label Elements**

**Labelling according to 1999/45/EC**

**Risk Phrase(s)**

Irritating to eyes and skin

**Safety Phrase(s)**

Keep out of reach of children

Avoid contact with skin and eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice If swallowed seek medical advice and show this container or label

Do not mix with bleach and other cleaning products

**Supplemental Phrase(s)**

None

**Other Hazards**

None

## 3. Composition / Information On Ingredients

Ingredients	INCI Name	Weight	Hazard	Risk No.
Hydrochloric Acid		1 - 10		C; R34, Xi; R36, R37, R38
Tallow Trimethyl Ammonium Chloride		1 - 10		F; R11, Xn; R22, C; R35, N; R50

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## 4. First Aid Measures

### Description of first aid measures

#### Neat Product

##### Eye

Immediately wash the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical advice if redness or irritation persists.

##### Skin

Wash skin thoroughly with soap and water.

##### Ingestion

Wash out mouth with water. Do not induce vomiting. Obtain medical advice.

##### Inhalation

Product is a liquid, as such inhalation is not a likely route of exposure.

#### Diluted Product

##### Eye

##### Skin

##### Ingestion

##### Inhalation

#### Most important symptoms and effects, both acute and delayed

Prolonged or repeated skin exposure will lead to irritation

If ingested, the product will cause moderate irritation of the mouth and upper digestive tract. If significant quantities (>50ml)

are ingested, then nausea and vomiting may occur

Contact with eyes will lead to irritation

#### Indication of any immediate medical attention and special treatment needed

No special treatment required - see first aid above

## 5. Fire Fighting Measures

### Extinguishing media

#### Suitable extinguishing media

Dry powder, foam, carbon dioxide and water mist

#### Unsuitable extinguishing media

DO NOT USE DIRECT WATER SPRAY.

#### Special hazards arising from the substance or mixture

Fumes containing hydrogen chloride, carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires

#### Advice for fire fighters

In case of fire of large quantities, self contained breathing apparatus should be worn

## 6. Accidental Release Measures

### Personal Precautions, Protective equipment and emergency procedures

#### Non emergency personnel

Avoid contact with skin and eyes. Keep out of the reach of children. Avoid mixing with other cleaning products and bleaches.

#### Emergency personnel

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In case of fire of large quantities of product, self contained breathing apparatus should be worn. Fumes containing carbon monoxide and sulphur dioxide may be found in large fires.

#### **Environmental Precautions**

Avoid discharge of large volumes into watercourses.

#### **Methods and materials containment and cleaning up**

##### **Small spills (less than 6 bottles)**

Contain the spilled liquid with sand or an inert absorbent material. Wipe up spill with cloth. Dispose of cloth in normal refuse system

##### **Large spills (greater than 6 bottles)**

Contain area and keep personnel away from spill. If safe to do so act quickly to prevent further spillage and cover nearby drains. Wear appropriate protective equipment as detailed on MSDS or packaging. Spillage granules or sand should be used to soak up the spill and minimise any further escape (any resulting waste should be contained and disposed of correctly).

Transfer used material to a suitable waste container and dispose of in accordance with local regulations. Any damaged containers should be sealed or uprighted and if possible the contents transferred to another container. If re-using a container ensure it is clean and checked for leaks. A securely fastened label should provide the necessary information to ensure safe storage, handling and disposal. If bulk liquid is spilled then the liquid should be pumped into tankers and disposed of in line with Duty of Care Regulations.

## **7. Handling & Storage**

### **7.1 Precautions for safe handling**

Avoid contact with eyes and skin, especially if inflamed or damaged. Wash skin thoroughly if contact occurs.

### **7.2 Conditions for safe storage, including any incompatibilities**

Store in a cool place, in the original container. Keep out of reach of children. Use only as directed.

### **7.3 Specific end use(s)**

For the cleaning and deodorising of toilet bowls

## **8. Exposure Controls & Personal Protection**

Occupational exposure limits

Limit value type (country of origin)	Substance name	EC No	CAS No	Occupational exposure limit		Source
				Long term	Short term	
UK	Hydrochloric Acid	231-595-7	7647-01-0	8 hour TWA 1ppm	15min STEL 5ppm	EH40
UK	Propylene Glycol		57-55-6	150ppm 474mg/m <sup>3</sup>		EH40

#### **Personal protective equipment**

None required during normal use

#### **Environmental exposure controls**

No eSDS available

## **9. Physical & Chemical Properties**

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## **9.1 Information on the basic physical and chemical properties**

### **(a) Appearance**

Viscous liquid with characteristic colour

### **(b) Odour**

Characteristic

### **(c) Odour Threshold**

No Data Available

### **(d) pH**

<1 (Undiluted at 20 oC)

### **(e) Melting/freezing point**

> 100 oC

### **(f) Initial boiling point and boiling range**

95 degC

### **(g) Flash point**

Not Applicable (Not Flammable)

### **(h) Evaporation rate**

Not Determined (Likely to be similar to water)

### **(i) Flammability (solid, gas)**

Not Applicable

### **(j) Upper/lower flammability or explosive limits**

Not Applicable (Not Flammable)

### **(k) Vapour pressure**

Not Determined (Likely to be similar to water)

### **(l) Vapour density**

Not Determined (Likely to be similar to water)

### **(m) Relative density**

1.048 g/cm<sup>3</sup> (at 20 oC)

### **(n) Solubility**

Not Determined (Likely to be similar to water)

### **(o) Partition coefficient (n-octanol/water)**

Not Determined (Likely to be similar to water)

### **(p) Auto-ignition temperature**

Not Determined (Likely to be similar to water)

### **(q) Decomposition temperature**

Not Determined (Likely to be similar to water)

### **(r) Viscosity**

300 - 600cps (at 20 oC)

### **(s) Explosive properties**

Product does not contain substances directly added or produced by reactions that are classified as explosive

### **(t) Oxidising properties**

Product does not contain substances directly added or produced by reactions that are classified as oxidising

## **9.2 Other information**

### **(a) Nanomaterials**

None

### **(b) Corrosivity to metals**

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Not Available

## **10. Stability & Reactivity**

### **10.1 Reactivity**

Stable under cool, dry conditions

### **10.2 Chemical stability**

Stable under cool, dry conditions

### **10.3 Possibility of hazardous reactions**

Basic substances / mixtures

### **10.4 Conditions to avoid**

Avoid extreme temperatures

### **10.5 Incompatible materials**

Avoid contact with strong acids, strong bases or oxidising agents

### **10.6 Hazardous decomposition products**

Fumes containing hydrogen chloride, carbon dioxide, carbon monoxide and sulphur dioxide may be found in large fires

## **11. Toxicological Information**

### **11.1 Information on toxicological effects**

#### **Acute Toxicity**

##### **Oral**

May cause local irritation of the mouth and upper digestive tract. Ingestion of quantities (>50ml) is likely to lead to nausea and vomiting.

##### **Dermal**

Mixture does not contain any substances classified as acutely toxic by dermal route

##### **Inhalation**

Low risk. Vapour concentrations may be irritating to the respiratory tract. Mixture is a liquid and thus inhalation is not a likely route of exposure.

#### **Irritation:**

##### **Dermal**

Frequent or prolonged contact may lead to irritation.

##### **Eye**

Will cause irritation if mixture comes into contact with eye.

#### **Corrosivity**

##### **Dermal**

Mixture is not classified as corrosive by conventional classification or pH

##### **Eye**

Mixture is not classified as corrosive by conventional classification or pH

#### **Sensitisation**

##### **Dermal**

Mixture does not contain any substances classified as sensitisers

##### **Inhalation**

Mixture does not contain any substances classified as respiratory sensitisers

#### **Specific Target Organ Toxicity - Single Exposure**

##### **Oral**

Mixture does not contain any substances classified as STOT - SE by any route of exposure

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**Dermal**

Mixture does not contain any substances classified as STOT - SE by any route of exposure

**Inhalation**

Mixture does not contain any substances classified as STOT - SE by any route of exposure

**Specific Target Organ Toxicity - Repeated Exposure****Oral**

Mixture does not contain any substances classified as STOT - SE by any route of exposure

**Dermal**

Mixture does not contain any substances classified as STOT - SE by any route of exposure

**Inhalation**

Mixture does not contain any substances classified as STOT - SE by any route of exposure

**Aspiration Toxicity**

Mixture does not contain any substances classified as aspirational toxins

**Carcinogenicity**

Mixture does not contain any substances classified as carcinogens

**Mutagenicity**

Mixture does not contain any substances classified as mutagenic

**Toxic for reproduction**

Mixture is not classified as toxic for reproduction by conventional calculation

**Other information**

None

## 12. Ecological Information

### 12.1 Toxicity

During normal use product is not anticipated to present significant risk to the environment

### 12.2 Persistence and degradability

The surfactant(s) contained in this mixture comply with the biodegradability criteria as laid down in regulation (EC) No 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the member state. The other components of this mixture are either inert or are absorbed onto sewage and sediments etc., or will biodegrade to substances which are likely to be of low environmental impact when the product is used as directed.

### 12.3 Bioaccumulative potential

Mixture does not contain any substances expected to bioaccumulate

### 12.4 Mobility in soil

Mixture is expected to be fully mobile through soil

### 12.5 Results of PBT and vPvB assessment

Mixture does not contain any substances classified as PBT or vPvB.

### 12.6 Other adverse effects

None

## 13. Disposal

### 13.1 Waste treatment methods

**Mixture:**

Under conditions of expected use the mixture will be disposed of at the end of its life into the normal domestic sewage/refuse system.

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**Packaging**

Bottle - Dispose of in accordance with local regulations. Product packaging may be recycled where facilities are available.

**Additional information**

Local or regional provisions may be in force and shall be referred to.

**14. Transport Information****14.1 Land Transport (ADR/RID)****14.1 UN Number**

3264

**14.2 UN Proper shipping name**

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(contains hydrochloric acid)

**14.3 Transport hazard class(s)**

8

**14.4 Packaging Group**

III

**14.5 Environmental hazards**

Mixture is not environmentally hazardous in accordance with the regulations

**14.6 Special precautions for the user**

Packed under limited quantity provisions

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not relevant for supplied quantity

**14.2 Sea Transport (IMDG Code)****14.1 UN Number**

3264

**14.2 UN Proper shipping name**

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(contains hydrochloric acid)

**14.3 Transport hazard class(s)**

8

**14.4 Packaging Group**

III

**14.5 Environmental hazards**

Mixture is not environmentally hazardous in accordance with the regulations

**14.6 Special precautions for the user**

Packed under limited quantity provisions

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not relevant for supplied quantity

**14.3 Air Transport (ICAO-IATA)****14.1 UN Number**

3264

**14.2 UN Proper shipping name**

CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.(contains hydrochloric acid)

**14.3 Transport hazard class(s)**

8

**14.4 Packaging Group**

III

**14.5 Environmental hazards**

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Mixture is not environmentally hazardous in accordance with the regulations

#### **14.6 Special precautions for the user**

Packed under limited quantity provisions

#### **14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not relevant for supplied quantity

### **15. Regulatory Information**

#### **15.1 Safety, health and environment regulations/legislation specific for the substance or mixture**

Dangerous Preparations Directive 1999/45/EEC

Detergents Regulations (EC) No 648/2004

Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (EC) No 1907/2006

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (UK)

#### **15.2 Chemical safety assessment**

No chemical safety assessment has been carried out

### **16. Other Information**

#### **16.1 Reason for and Description of SDS revisions:**

REACH Annex II Compliance

##### **Key to abbreviations:**

WEL - Workplace Exposure Limit

STOT RE - Specific Target Organ Toxicity - Repeat Exposure

STOT SE - Specific Target Organ Toxicity - Single Exposure

PBT - Persistent, Bioaccumulative, Toxic

vPvB - very Persistent, very Bioaccumulative

EH40 - EH40/2005uk List of approved workplace exposure limits

##### **List of risk and safety phrases in full:**

R11 - Highly flammable

R22 - Harmful if swallowed

R34 - Causes burns

R36 - Irritating to eyes

R37 - Irritating to respiratory system

R36/38 - Irritating to eyes and skin

R39 - Danger of very serious irreversible effects

R50 - Very toxic to aquatic organisms

##### **Disclaimer:**

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