

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier:	Marks & Spencer Lemon Verbena Handwash 00997188
1.2 Uses:	Hand wash
1.3 Supplier:	Marks & Spencer plc Waterside House 35 North Wharf Road London W2 1NW UK
Telephone:	01342 870900
Website:	http://www.marksandspencer/productsafetyinfo.co.uk
1.4 Emergency telephone:	01342 870900

2. Hazards Identification

2.1 Classification of the mixture

GHS/CLP classification according to EC 1272/2008


- 2.1.1** Eye Irritant, Category 2. H319: Causes serious eye irritation.
 Hazardous to the aquatic environment, Chronic, Category 3. H412: Harmful to aquatic life with long lasting effects.

Classification according to 67/548/EEC, 1999/45/EC and 2001/58/EC

- 2.1.2** Physical: No hazard
2.1.3 Health: No hazard
2.1.4 Environmental: No hazard

2.2 Label Elements

Label elements according to EC 1272/2008

- | | | |
|--|---|--|
| 2.2.1 Hazard Pictograms: |  | |
| 2.2.2 Signal Word: | Warning | |
| 2.2.3 Named Substances: | None required. | |
| 2.2.4 Hazard Statements: | H319: | Causes serious eye irritation. |
| | H412: | Harmful to aquatic life with long lasting effects. |
| 2.2.5 Precautionary Statements: | P273: | Avoid release to the environment. |
| | P280: | Wear protective eye protection/face protection. |
| | P305+P351+P338: | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| | P337+P313: | If eye irritation persists: Get medical advice/attention. |
| 2.2.6 Supplemental Hazard Statements: EUH208: | | Contains 4-Isopropenyl-1-methylcyclohexene, 5-chloro-2-methyl-4-isothiazolin-3-one, 2-methyl-4-isothiazolin-3-one. May produce an allergic reaction. |

Label elements according to 67/584/EEC, 1999/45/EC and 2001/58/EC

- 2.2.7** Hazard Symbol: None required
2.2.8 Risk Phrases: None required.
2.2.9 Safety Phrases: None required.

3. Composition/Information on Ingredients

Component	CAS- No.	EC-No.	Conc. (%)	Classification (EC 1272/2008)	Classification (67/548/EEC)
Alcohols, C12-14, ethoxylated, sulfates, sodium salts	68891-38-3	500-234-8	8.4000	Skin Irrit. 2: H315 Eye Dam. 1: H318 Aquatic Chronic 3: H412	Xi: R38, R41
4-Isopropenyl-1-methylcyclohexene	5989-27-5	227-813-5	0.2089	Flam. Liq. 3: H226 Asp. Tox. 1: H304 Skin Irrit. 2: H315 Skin Sens. 1B: H317 Aquatic Acute 1: H400 Aquatic Chronic 1: H410	R10 Xi: R38, R43 N; R 50/53
4-Hydroxy-2-methoxy-5-(oxo-phenylmethyl)benzenesulfonic acid	4065-45-6	223-772-2	0.1500	Skin Irrit. 2: H315 Eye Irrit. 2: H319 STOT SE 3 RTI: H335	Xi: R36/38, R43
Sodium hydroxide	1310-73-2	215-185-5	0.0250	Met. Corr. 1: H290 Skin Corr. 1A: H314	C: R35
5-chloro-2-methyl-4-isothiazolin-3-one	26712-55-4	247-500-7	0.000375	Acute Tox. 3: H301 Acute Tox. 3: H311 Skin Corr. 1B: H314 Skin Sens. 1: H317 (C _≥ 0.0015%) Acute Tox. 2: H330 Aquatic Acute 1: H400	T: R23/24/25 C: R34 Xn: R22, R43 N: R50
2-methyl-4-isothiazolin-3-one	2682-20-4	220-239-6	0.000125	Acute Tox. 3: H301 Acute Tox. 3: H311 Skin Corr. 1B: H314 Skin Sens. 1: H317 (C _≥ 0.0015%) Acute Tox. 2: H330 Aquatic Acute 1: H400	T: R23/24/25 C: R34 Xn: R22, R43 N: R50

See section 16 for full text of classifications.

4. First Aid Measures

4.1 Description of first aid measures

Inhalation: Remove to fresh air. Get medical attention if symptoms persist.
 Eye Contact: Flush immediately with water for 15 minutes. Consult a physician if symptoms persist.
 Skin contact: Remove contaminated clothing and wash with plenty of soap and water.
 Ingestion: Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. In severe cases seek medical attention and show the safety data sheet.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: Irritation of the respiratory tract. Transient effects only.
 Eye Contact: Burning pain and weeping. Transient effects only.
 Skin Contact: Irritation through repeated contact.
 Ingestion: Irritation of mucous membranes of the digestive tract.

4.3 Indication of any immediate medical attention and special treatment needed

Inhalation: See section 4.1
 Eye Contact: See section 4.1
 Skin Contact: See section 4.1
 Ingestion: See section 4.1

5. Fire fighting measures

- 5.1 Extinguishing media Carbon dioxide, water, foam or powder fire extinguishers.
- 5.2 Special hazards Avoid inhaling fumes from combustion.
- 5.3 Advice for fire-fighters Use protection for the respiratory tract.

6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedure:
 Avoid inhalation and contact with skin and eyes. Use suitable personal protective equipment.

- 6.2** Environmental precautions:
Inform fire brigade of large spillages. Keep away from drains, surface and ground water, and soil. Spillages should be contained immediately by use of sand or inert powder and disposed of in accordance with local regulations,
- 6.3** Methods and material for containment and cleaning up:
Rapidly recover the product. To do so wear suitable personal protective equipment. If possible collect the product for re-use or disposal. Do not allow the material to enter the drainage systems.
- 6.4** Reference to other sections:
See section 8.

7. Handling and storage

- 7.1** Precautions for safe handling:
Apply good manufacturing and industrial hygiene practices and adequate ventilation.
- 7.2** Conditions for safe storage:
Storage conditions: Store in well-fitted and tightly closed containers; protect from heat and light.
Storage premises: Store in a cool, dry and ventilated area. Keep away from sources of ignition and naked flames.
Incompatible materials: None known that present a hazard.
- 7.3** Specific end use:
Hand wash for home use.

8. Exposure controls/personal protection

- 8.1** Control parameters
Materials with occupational exposure standards:

Substance	WEL-STEL mg/m ³	WEL-STEL ppm	WEL_TWA mg/m ³	WEL-TWA ppm
5-chloro-2-methyl-4-isothiazolin-3-one	0.23		0.076	
2-methyl-4-isothiazolin-3-one	4.5		1.5	

- 8.2** Exposure controls
- Precautionary measures: Give adequate ventilation to the premises where the product is stored and/or handled.
- Protection for respiratory tract: Not required under normal conditions of use.
- Protection for hands: Avoid prolonged or repeated exposure. Use chemically resistant gloves as needed e.g. butyl rubber or nitrile rubber protective index 6.
- Protection for eyes: Avoid contact. Wear safety glasses.
- Protection for skin: Avoid contact. Use suitable protective clothing as needed.

9. Physical and chemical properties

- 9.1** Information on basic physical and chemical properties
- Appearance: Clear pale yellow liquid
- Odour: Characteristic citrus
- pH: 5.50
- Melting point: Not applicable
- Initial boiling point and boiling range: Not determined
- Flash point: Not applicable
- Evaporation rate: Not determined
- Vapour pressure: Not determined
- Density: 1.015
- Solubility in water: Fully miscible
- Partition co-efficient: n-octanol/water: Not determined
- Auto ignition temperature: Not determined
- Viscosity: 4500 mPa.s
- Explosive properties: Not determined
- Oxidising properties: Not applicable

9.2 Other information
None

10. Stability and reactivity

10.1	Reactivity:	None in particular.
10.2	Chemical stability:	Stable under normal conditions.
10.3	Possibility of hazardous reactions:	None known.
10.4	Conditions to avoid:	Stable under normal conditions.
10.5	Incompatible materials:	None known.
10.6	Hazardous decomposition products:	Carbon monoxide and unidentified organic compounds may be formed during combustion.

11. Toxicological information

This preparation has not been subject to toxicological testing as an entity; therefore no specific LD50/LC50 values have been determined. The toxicological information available relating to the ingredients and their concentrations enables the evaluation of this preparation.

11.1 Information on toxicological effects

ATE Oral: >5000
ATE Dermal: >2000
ATE Inhalation (vapour) : >20

12. Ecological information

This product has not been subjected to ecological testing as an entity; therefore no specific values have been determined. The ecological information available relating to the ingredients and their concentrations enables the evaluation of this preparation.

12.1	Toxicity:	Avoid contaminating the earth as well as surface and ground water.
12.2	Persistence and degradability:	Not determined.
12.3	Bioaccumulative potential:	Not determined.
12.4	Mobility in soil:	Not determined.
12.5	Results of PBT and vPvB assessment:	None present.
12.6	Other adverse effects:	None known.

13. Disposal considerations

13.1 Waste treatment methods:
This product should be disposed of in accordance with local regulations.
Avoid disposing into drainage systems and into the environment.
The soiled packaging should be disposed of in the same way as the product.

14. Transport information

ADR-UN Number	Not classified for transport
ADR-Class	Not classified for transport
ADR-Shipping Name	Not classified for transport
ADR-Packing Group	Not classified for transport
ADR-Tunnel Code	Not classified for transport
IATA-UN Number	Not classified for transport
IATA-Class	Not classified for transport
IATA-Shipping Name	Not classified for transport
IATA-Label	None
IATA-Packing Group	Not classified for transport
IATA-S.P.	None

IATA-ERG	None
IMDG-Marine Pollutant	No
IMDG-UN Number	Not classified for transport
IMDG-Class	Not classified for transport
IMDG-Shipping Name	Not classified for transport
IMDG-Packing Group	Not classified for transport
IMDG-Storage Category	Not classified for transport

15. Regulatory information

- 15.1** Safety, health and environmental regulations/legislation
For classification and labelling information see section 2.
The classification of this mixture is in accordance with EC 1272/2008 as amended.
- 15.2** Chemical safety assessment
No chemical safety assessment has been carried out for this mixture.

16. Other information

The information given in this safety data sheet is based on the present state of knowledge and experiences but no guarantee can be given that the information is complete. It is in the customer's own interest to make sure that the information is sufficient for the purpose which the product shall be used. It is the responsibility of the user to fulfil any requirements according to current legislation.

Full text of risk phrases (67/548/EEC) referred to in section 3:

R10: Flammable.
R22: Harmful if swallowed.
R34: Causes burns.
R35: Causes severe burns.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.
R43: May cause sensitisation by skin contact.
R50: Very toxic to aquatic organisms
R23/24/25: Toxic by inhalation, in contact with skin and if swallowed.
R36/38: Irritating to eyes and skin.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Full text of hazard statements (EC 1272/2008) referred to in section 3:

H226: Flammable liquid and vapour.
H290: May be corrosive to metals.
H301: Toxic if swallowed.
H304: May be fatal if swallowed and enters airways.
H311: Toxic 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.
H319: Causes serious eye irritation.
H330: Fatal if inhaled.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Changes from previous issue: New.

Issued by: Andrew Jenkinson

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

End of Safety Data Sheet