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

1.1 Product Identifier: Marks and Spencer Lavender Scented Candle
UPC: 996822

1.2 Uses: Household fragrance

1.3 Supplier: Marks and Spencer plc
PO Box 3339
Chester
CH99 9QS
United Kingdom

Telephone: 01342 870900

1.4 Emergency telephone: 01342 870900 (office hours only)

2. Hazards Identification

2.1 Classification of the mixture

GHS/CLP classification according to EC 1272/2008

2.1.1 Aquatic Chronic 3. Harmful to aquatic life with long lasting effects. H412

2.2 Label Elements

Label elements according to EC 1272/2008

2.2.1 Hazard Pictograms: None required
2.2.2 Signal Word: Warning
2.2.3 Hazard Statements: H412: Harmful to aquatic life with long lasting effects.
2.2.4 Precautionary Statements: P102: Keep out of reach of children.
P273: Avoid release to the environment.
2.2.5 Supplemental Hazard Statements: EUH208: Contains Phenolic aromatic ketonether. May produce an allergic reaction.

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

2.2.6 Hazard Symbol: None required
2.2.7 Risk Phrases: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
2.2.8 Safety Phrases: S2: Keep out of the reach of children.

3. Composition/Information on Ingredients

Component	CAS- No.	EC-No.	Conc. (%)	Classification (EC 1272/2008)	Classification (67/548/EEC)
Benzyl Benzoate	120-51-4	204-402-9	1.0 – 2.5	Acute Tox. 4: H302 Aquatic Chronic 2: H411	Xi: R22 N: R51/53
1-Methyl-1-(4-methylcyclohex-3-en-1-yl)ethyl acetate	8007-35-0	232-357-5	1.0 – 2.5	Aquatic Chronic 2: H411	N: R51/53
1,4-dioxacycloheptadecane-5,17-dione	105-95-3	203-347-8	<1	Aquatic Chronic 2: H411	N: R51/53
1,5-Dimethyl-1-vinylhex-4-en-1-yl acetate	115-95-7	204-116-4	<1	Skin Irrit. 2: H315 Eye Irrit. 2: H319	Xi: R38
1,3,3-trimethyl-2-oxabicyclo[2.2.2]octane	470-82-6	207-431-5	<1	Flam Liq. 3: H226	R10
3,7-Dimethylocta-1,6-dien-3-ol	78-70-6	201-134-4	<1	Skin Irrit. 2: H315 Eye Irrit. 2: H319	Xi: R38
2-(4-Methylcyclohex-3-en-1-yl)propan-2-ol	8000-41-7	232-268-1	<1	Skin Irrit. 2: H315 Eye Irrit. 2: H319	Xi: R36/38
3a,4,5,6,7,7a-Hexahydro-1H-4,7-methanoinden-1-yl acetate	54830-99-8	259-367-2	<1	Aquatic Chronic 3: H412	N: R52/53
2-(2H-Benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	221-573-5	0.825	Skin Irrit. 2: H315 Eye Irrit. 2: H319 STOT SE 3 RTI: H335	Xi: R36/37/38
Hexadecyl 3,5-bis-tert-butyl-4-hydroxybenzoate	67845-93-6	267-342-2	0.500	Aquatic Chronic 2: H411	N; R51/53

Phenolic aromatic ketonether	generic name, Application No. 72243-072999, Germany		0.325	Skin Sens. 1B: H317 Aquatic Chronic 3: H412	Xi: R43 R52/53
6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane	127-91-3	204-872-5	<0.1	Flam. Liq. 3: H226 Asp. Tox. 1: H304 Skin Irrit. 2: H315 Skin Sens. 1B: H317	R10 Xn: R38, R43, R65
1,7,7-Trimethylbicyclo[2.2.1]heptane-2-one	464-49-3	207-355-2	<0.1	Flam. Solid 1: H228 STOT SE 2: H371	Xn: R20, R68/22
4-Isopropenyl-1-methylcyclohexene	5989-27-5	227-813-5	<0.1	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
2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	80-56-8	201-291-9	<0.1	Flam. Liq. 3: H226 Asp. Tox. 1: H304 Skin Irrit. 2: H315 Skin Sens. 1B: H317	R10 Xn: R38, R43, R65
4,11,11-Trimethyl-8-methylenebicyclo[7.2.0]undec-4-ene	87-44-5	201-746-1	<0.1	Asp. Tox. 1: H304	Xn: R65
1-Isopropyl-4-methylbenzene	99-87-6	202-796-7	<0.1	Flam. Liq. 3: H226 Asp. Tox. 1: H304 Aquatic Chronic 2: H411	R10 N: R51/53 Xn: R65
Turpentine oil	8006-64-2	232-350-7	<0.1	Acute Tox. 4: H302 Asp. Tox. 1: H304 Acute Tox. 4: H312 Skin Irrit. 2: H315 Skin Sens. 1B: H317 Eye Irrit. 2: H319 Acute Tox. 4: H332 Aquatic Chronic 2: H412	R10 Xn: R20/21/22, R36/38, R43, R65 N: R51/53
2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane	79-92-5	201-234-8	<0.1	Flam. Solid 2: H228 Eye Irrit. 2: H319 Aquatic Acute 1: H400 Aquatic Chronic 1: H410	R10 Xn: R36, R65 N: R50/53
5-Methylheptan-3-one	541-85-5	208-793-7	<0.1	Flam. Liq. 3: H226 Eye Irrit. 2: H319 STOT SE 3 RTI: H335	R10 Xi: R36/37
Rosmarinus officinalis oil	8000-25-7	283-291-9	<0.1	Flam. Liq. 3: H226 Asp. Tox 1: H304 Skin Irrit. 2: H315 Skin Sens. 1B: H317 Skin Irrit. 2: H319 STOT SE 2: H373 Aquatic Chronic 2: H411	R10 Xn: R38, R43, R65, R68/22 N: R51/53
Octan-2-one	111-13-7	203-837-1	<0.1	Flam. Liq. 3: H226	
3,7-Dimethylocta-2,6-dien-1-yl acetate	105-87-3	203-341-5	<0.1	Skin Sens. 1B: H317 Aquatic Chronic 2: H411	Xi: R43 N: R51/53

See section 16 for full text of classifications.

4. First Aid Measures

4.1 Description of first aid measures

Inhalation: No Damage to health is expected.
Eye Contact: Flush immediately with water. Remove contact lenses, if present and easy to do so. Continue rinsing. Consult a physician if symptoms persist.
Skin contact: Rinse area with plenty of water and soap.
Ingestion: In the unlikely event of ingestion, do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person. In severe cases seek medical attention and show the safety data sheet.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: No damage to health is expected.

Eye Contact: Irritation. 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

Treat symptomatically. See section 4.1 for more details.

5. Fire fighting measures

5.1 Extinguishing media Use carbon dioxide, foam or powder extinguishers.
5.2 Unsuitable media: Do not use water extinguishers.
5.3 Special hazards Avoid inhaling the fumes from combustion.
5.4 Advice for fire-fighters Use protection for the respiratory tract.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedure:
Use appropriate PPE.
6.2 Environmental precautions:
Use appropriate containment to avoid environmental contamination.
6.3 Methods and material for containment and cleaning up:
Recover the product for re-use or disposal; wear appropriate PPE to do so. Do not allow to enter 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 cool dry area; 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
Fragranced product for household 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-Methylheptan-3-one		20		10

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 for normal use.
Protection for hands: Not required for normal use. Use chemically resistant gloves for repeated contact (e.g. butyl rubber or nitrile rubber protective index 6).
Protection for eyes: Avoid contact. Wear safety goggles.
Protection for skin: Avoid repeated contact. Use suitable protective clothing as needed.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Purple wax
Odour:	Characteristic lavender
pH:	Not applicable
Melting point:	~50°C
Initial boiling point and boiling range:	Not determined
Flash point:	>100°C
Evaporation rate:	Not determined
Vapour pressure:	Not applicable
Density:	Not determined
Solubility in water:	Not soluble
Partition co-efficient: n-octanol/water:	Not determined
Auto ignition temperature:	Not determined
Viscosity:	Not applicable
Explosive properties:	Not determined
Oxidising properties:	Not applicable

9.2 Other information

None

10. Stability and reactivity

10.1	Reactivity:	Substances to avoid: 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 expected.
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:	>6000 mg/kg
ATE Dermal:	>10000 mg/kg
ATE Inhalation (vapour):	>20 mg/l/4h

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:	No appreciable risk to aquatic flora or fauna.
12.2	Persistence and degradability:	The main components are readily biodegradable.
12.3	Bioaccumulative potential:	The main components are not bioaccumulative.
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 discharge into the environment.
The soiled packaging should be disposed of in the same way as the product.

14. Transport information

14.1	UN number	Not hazardous for shipping
14.2	UN proper shipping name	Not applicable
14.3	Transport hazard class	Not applicable
14.4	Packing group	Not applicable
14.5	IMDG – Marine pollutant	No
14.6	Packaging labelling	Not applicable

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.
R20: Harmful by inhalation.
R22: Harmful if swallowed.
R38: Irritating to skin.
R43: May cause sensitisation by skin contact.
R65: Harmful: may cause lung damage if swallowed.
R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.
R36/37: Irritating to eyes and respiratory system.
R36/37/38: Irritating to eyes, respiratory system and skin.
R36/38: Irritating to eyes and skin.
R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R68/22: Harmful: possible risk of irreversible effects if swallowed.

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

H226: Flammable liquid and vapour.
H228: Flammable solid.
H302: Harmful if swallowed.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.

H335: May cause respiratory irritation.
H371: May cause damage to organs.
H373: Causes damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.
H412: Harmful to aquatic life with long lasting effects.

Issue number: **1**

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