SAFETY DATA SHEET
MR1 ROLL-ON DEODORANT

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier
Product name MR1 ROLL-ON DEODORANT
Product number 220803

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Cosmetics

1.3. Details of the supplier of the safety data sheet
Supplier The Soap Kitchen
Unit 8 Caddsdon Industrial Park
Clovelly Road, Bideford
Devon
EX38 7NL

Contact person Richard Phillips

1.4. Emergency telephone number
Emergency telephone +44 (0) 1237 420 872 Office Hours are 09:00 - 17:00 weekdays only

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification
Physical hazards Flam. Liq. 3 - H226
Health hazards Elicitation - EUH208
Environmental hazards Not Classified

Classification (67/548/EEC or 1999/45/EC) R10

2.2. Label elements
Pictogram

Signal word Warning
Hazard statements H226 Flammable liquid and vapour.
EUH208 Contains LIMONENE. May produce an allergic reaction.
MR1 ROLL-ON DEODORANT

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Supplementary precautionary statements

P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.
P403+P235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>ALCOHOL</th>
<th>10-30%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 64-17-5</td>
<td>EC number: 200-578-6</td>
</tr>
<tr>
<td>Classification</td>
<td>Flam. Liq. 2 - H225</td>
</tr>
<tr>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
<td>F; R11</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GLYCERIN</th>
<th>1-5%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 56-81-5</td>
<td>EC number: 200-289-5</td>
</tr>
<tr>
<td>Classification</td>
<td>Not Classified</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>T-BUTYL ALCOHOL</th>
<th>&lt;1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 75-65-0</td>
<td>EC number: 200-889-7</td>
</tr>
<tr>
<td>Classification</td>
<td>Flam. Liq. 2 - H225</td>
</tr>
<tr>
<td>Classification (67/548/EEC or 1999/45/EC)</td>
<td>F; R11. Xn; R20. Xi; R36/37</td>
</tr>
</tbody>
</table>

Acute Tox. 4 - H332
Eye Irrit. 2 - H319
STOT SE 3 - H335
STOT SE 3 - H335

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion: Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
MR1 ROLL-ON DEODORANT

Skin contact
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.

Eye contact
Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed
General information
Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.

4.3. Indication of any immediate medical attention and special treatment needed
Notes for the doctor
No specific recommendations.

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Extinguish with the following media: Foam, carbon dioxide or dry powder.

 Unsuitable extinguishing media
Water.

5.2. Special hazards arising from the substance or mixture
Specific hazards
Toxic gases or vapours.

5.3. Advice for firefighters
Protective actions during firefighting
Containers close to fire should be removed or cooled with water.

Special protective equipment for firefighters
Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Personal precautions
Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.

6.2. Environmental precautions
Environmental precautions
Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up
Methods for cleaning up
Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Usage precautions
Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.
MR1 ROLL-ON DEODORANT

Advice on general occupational hygiene
Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities
Storage precautions
Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

ALCOHOL
Long-term exposure limit (8-hour TWA): WEL 1000 ppm  1920 mg/m³

GLYCERIN
Long-term exposure limit (8-hour TWA): WEL    10 mg/m³

T-BUTYL ALCOHOL
Long-term exposure limit (8-hour TWA): WEL 100 ppm  308 mg/m³
Short-term exposure limit (15-minute):  WEL 150 ppm  462 mg/m³
WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate ventilation.

Eye/face protection
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection
Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures
No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection
No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

Environmental exposure controls
Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Liquid.

Colour
Yellow.

Odour
Characteristic.
MR1 ROLL-ON DEODORANT

pH pH (concentrated solution): ~ 4.25

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity
10.2. Chemical stability
Stability Stable at normal ambient temperatures.
10.3. Possibility of hazardous reactions
Possibility of hazardous reactions Will not polymerise.
10.4. Conditions to avoid
Conditions to avoid Avoid heat, flames and other sources of ignition.
10.5. Incompatible materials
Materials to avoid Strong oxidising agents. Strong acids. Strong alkalis.
10.6. Hazardous decomposition products
Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information No specific health hazards known.
Inhalation No specific health hazards known.
Ingestion No specific health hazards known. No harmful effects expected from quantities likely to be ingested by accident.
Skin contact No specific health hazards known.
Eye contact Vapour or spray in the eyes may cause irritation and smarting.
Acute and chronic health hazards No specific health hazards known.
Medical symptoms No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.
Medical considerations May cause allergic contact eczema. Prolonged or repeated exposure may cause the following adverse effects: Allergic rash. Get medical attention.

SECTION 12: Ecological Information

Ecotoxicity No negative effects on the aquatic environment are known.
12.1. Toxicity
12.2. Persistence and degradability
Persistence and degradability The product contains substances which are not expected to be biodegradable.
12.3. Bioaccumulative potential
Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.
MR1 ROLL-ON DEODORANT

12.4. Mobility in soil

Mobility

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods

Dispose of waste product or used containers in accordance with local regulations.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR/RID) 1993
UN No. (IMDG) 1993
UN No. (ICAO) 1993
UN No. (ADN) 1993

14.2. UN proper shipping name

Proper shipping name (ADR/RID) FLAMMABLE LIQUID, N.O.S. (CONTAINS ALCOHOL, LIMONENE)
Proper shipping name (IMDG) FLAMMABLE LIQUID, N.O.S. (CONTAINS ALCOHOL, LIMONENE)
Proper shipping name (ICAO) FLAMMABLE LIQUID, N.O.S. (CONTAINS ALCOHOL, LIMONENE)
Proper shipping name (ADN) FLAMMABLE LIQUID, N.O.S. (CONTAINS ALCOHOL, LIMONENE)

14.3. Transport hazard class(es)

ADR/RID class 3
ADR/RID classification code F1
ADR/RID label 3
IMDG class 3
ICAO class/division 3
ADN class 3

Transport labels
MR1 ROLL-ON DEODORANT

14.4. Packing group
ADR/RID packing group III
IMDG packing group III
ADN packing group III
ICAO packing group III

14.5. Environmental hazards
Environmentally hazardous substance/marine pollutant No.

14.6. Special precautions for user
EmS F-E, S-E
ADR transport category 3
Emergency Action Code •3Y
Hazard Identification Number (ADR/RID) 30
Tunnel restriction code (D/E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
EU legislation

Guidance Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information


Issued by Regulatory Manager
Revision date 06/08/2015
Revision 0
Risk phrases in full R10 Flammable.
R11 Highly flammable.
R20 Harmful by inhalation.
R36/37 Irritating to eyes and respiratory system.
MR1 ROLL-ON DEODORANT

Hazard statements in full

H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
EUH208 Contains LIMONENE. May produce an allergic reaction.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.