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

1.1 Product Identifier

Product Name: Magic Safeguard
Product Codes: 759041

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

Uses advised against: Uses other than those identified are not recommended

1.3 Details of the supplier of the safety data sheet

Manufacturer/Distributor: Arpal Gulf LLC
Jebel Ali Industrial Area #3
Easa Saleh Al Gurg
Warehouse #50 & #61
Dubai
United Arab Emirates
P O Box 123053

T: 800 4005 (Toll Free in UAE)
T: +971 (04) 880 3220
F: +971 (04) 880 3221
Email: info@arpal.ae

1.4 Emergency Telephone Number

Telephone +971 (04) 880 3220 or 800 4005 (Toll Free in United Arab Emirates) during office hours Sunday to Thursday 09.00 to 17.00 hours UAE time.

2 Hazards Identification

2.1 Classification of Substance or mixture

Product Definition: Mixture

Classification according to Regulation (EC) No. 1272/2008

Physical Hazards: No Significant Hazard
Human Health Hazards: No Significant Hazard
Environmental Hazards: No Significant Hazard

2.2 Label Elements

Label Elements (Label In Accordance With (EC) No. 1272/2008)

Pictogram(s): N/A
Signal Word: N/A
Hazard Statements: N/A

Precautionary statements

Prevention: P280
  Wear protective gloves

Response: 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 attention.

Disposal: N/A

2.3 Other hazards

Other hazards which do not result in classification: Not applicable

3 Composition/Information on Ingredients

3.2 Mixtures

<table>
<thead>
<tr>
<th>Product/Ingredient Name</th>
<th>Identifiers</th>
<th>%</th>
<th>Classification Regulation (EC) No. 1272/2008 [CLP]</th>
<th>Typ e</th>
</tr>
</thead>
</table>
4 First aid measures

4.1 Description of first aid measures

Eye Contact
Rinse immediately with copious amounts of water for at least 10 minutes, holding the eyelids open. If irritation occurs obtain medical advice.

Inhalation
Remove from source of exposure. Seek medical advice if symptoms persist.

Skin Contact
Flush contaminated area with running water for 10 minutes, remove any contaminated clothing and launder before re-use. If irritation occurs seek medical advice.

Ingestion
If conscious, remove product from mouth, give casualty a small quantity of water or milk to drink and seek medical advice. Do not induce vomiting

Protection of First Aider
Wear PPE if appropriate (Refer to section 8.2)

4.2 Most important symptoms and effects, both acute and delayed

Symptoms
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11. Irritations are the most likely symptoms when there is exposure to skin and eyes. Not considered to cause sensitization. Further important symptoms and effects are so far not known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment
Treat according to symptoms (decontamination, vital functions). Toxicological information on components, where available, in given in section 11.

5 Fire fighting measures

5.1 Extinguishing media

Extinguishing media
Extinguish with foam, carbon dioxide, dry powder or water fog

Unsuitable extinguishing media
None known

5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture
In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous combustion products
During fire toxic gases, CO and CO₂ are formed

5.3 Advice for fire-fighters

Special precautions for fire-fighters
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters
Fire-fighters should wear self-contained breathing apparatus and suitable personal protective equipment as appropriate to the surrounding fire.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Do not breathe vapour/spray/mist. Avoid contact with the skin, eyes and clothing. Use personal protective clothing. Information regarding personal protective measures see, section 8.

6.2 Environmental precautions
Do not discharge into drains/surface waters/groundwater. Contain contaminated water/fire fighting water.

6.3 Methods and material for containment and cleaning up
Small spill: Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
Large spill Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. dry sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13).

6.4 Reference to other sections
See Section 1 for emergency contact information.
See Section 8 for information on appropriate personal protective equipment.
See Section 13 for additional waste treatment information.

7 Handling and storage
7.1 Precautions for safe handling
Keep container tightly closed. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid contact with the skin, eyes and clothing. Contaminated surfaces may be extremely slippery. Clean up spillages. Do not allow to dry. Do not eat, drink or smoke in area where material is used or stored.

7.2 Conditions for safe storage, including any incompatibilities
Protect against heat. Store in original labelled containers. Keep container tightly closed, upright and in a cool place. Protect from freezing.

7.3 Specific end use(s)
Recommendations Not specific advice available.
Industrial sector specific solutions Not applicable.

8 Exposure controls/personal protection
8.1 Control parameters
Exposure limit values
Monoethanolamine (2-Aminoethanol) 8hr TWA – 2.5mgm⁻³ 15min STEL – 7.6mgm⁻³
Derived effect levels
No DNELs available for the mixture
Predicted effect concentrations
No PNECs available for the mixture.

8.2 Exposure controls
Process conditions Provide eye-wash stations
Engineering Measures Wear appropriate PPE if contact is possible. If airborne vapours or mists are generated provide adequate general and local exhaust ventilation to keep exposure below any statutory limits.

Personal Protective Equipment
Respiratory protection: Not needed in normal use.
Hand protection Not normally required. Wear rubber gloves resistant to detergents when handling for prolonged periods or for individuals with sensitive skin
Eye protection Safety glasses are not normally required. However, their use is recommended in those cases where splashes may occur when handling the product.
Body protection: Not needed in normal use.

General safety and hygiene measures
Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

9 Physical & chemical properties
### 9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Clear Purple</td>
</tr>
<tr>
<td>Odour</td>
<td>Product specific</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>pH value 20 Deg C</td>
<td>10.5-11.5</td>
</tr>
<tr>
<td>Melting point/Freezing point</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;100 deg C</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Burning time</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Burning rate</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.000-1.010</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Readily soluble in cold and hot water</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Auto ignition temperature</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not determined for the mixture.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>None</td>
</tr>
</tbody>
</table>

### 9.2 Other Information
No further relevant information available

### 10 Stability and Reactivity

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.1 Reactivity</td>
<td>No specific test data related to reactivity available for this product or its ingredients.</td>
</tr>
<tr>
<td>10.2 Chemical Stability</td>
<td>Stable mixture under normal conditions or storage and use.</td>
</tr>
<tr>
<td>10.3 Possibility of hazardous reactions</td>
<td>Hazardous reactions will not occur in normal storage conditions.</td>
</tr>
<tr>
<td>10.4 Conditions to avoid</td>
<td>None known in normal storage conditions.</td>
</tr>
<tr>
<td>10.5 Incompatible materials</td>
<td>None known.</td>
</tr>
<tr>
<td>10.6 Hazardous decomposition products</td>
<td>Under normal conditions of storage and use, hazardous decomposition products should not be produced.</td>
</tr>
</tbody>
</table>

### 11 Toxicology

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.1 Information on toxicological effects</td>
<td>Toxicological data for this mixture is not available as animal toxicity studies have not been carried out. Toxicological data for the raw materials is, where provided by the manufacturer, available on request.</td>
</tr>
</tbody>
</table>

### 12 Ecological information

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1 Toxicty</td>
<td>Ecological Toxicity data for this mixture is not available as ecological toxicity studies have not been carried out. Ecological Toxicity data for the raw materials is, where provided by the manufacturer, available on request.</td>
</tr>
<tr>
<td>12.2 Persistence and degradability</td>
<td>Conclusion/Summary: Any surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC</td>
</tr>
<tr>
<td>12.3 Bioaccumulative potential</td>
<td>Conclusion/Summary: Not determined for the mixture.</td>
</tr>
<tr>
<td>12.4 Mobility in soil</td>
<td>Soil/water partition coefficient (KOC): Not determined for the mixture.</td>
</tr>
<tr>
<td></td>
<td>Mobility: Not determined for the mixture.</td>
</tr>
<tr>
<td>12.5 Results of PBT and vPvB assessment</td>
<td>PBT: Not applicable.</td>
</tr>
<tr>
<td></td>
<td>vPvB: Not applicable.</td>
</tr>
<tr>
<td>12.6 Other adverse effects</td>
<td>Conclusion/Summary: No known significant effects or critical hazards.</td>
</tr>
</tbody>
</table>

### 13: Disposal considerations

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.1 Waste treatment methods</td>
<td></td>
</tr>
</tbody>
</table>

### Waste from residues / unused products
Dispose of in compliance with all Federal, state, provincial, and local laws and regulations.
EWC Code 20 01 29* - detergents containing dangerous substances

### Empty packaging recommendation:
Dispose of observing national or local regulations. (Can be cleaned with water)
EWC Code 20 01 39

### 14: Transport information

<table>
<thead>
<tr>
<th>14.1 UN number</th>
<th>ADR/RID</th>
<th>ADN/ADNR</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not required</td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

| 14.2 UN proper shipping name | Not Required | Not Required | Not Required | Not Required |

| 14.4 Packing group | Not Required | Not Required | Not Required | Not Required |

| 14.5 Environmental hazards | None | None | None | None |

| 14.6 Special precautions for user | None known | None known | None known | None known |

| 14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBCCode | Product not transported bulk tanker |

### 15: Regulatory information

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

**Ingredients according to EC Detergents Regulation 648/2004**

- <5% Non-Ionic Surfactants
- Disinfectants
- Perfume

Contains

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out on the mixture

### 16: Other information

**The information in this document is based on our best present knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally binding contract**

**Reason for revision:** Overall design adjusted in accordance with Regulation (EC) No 1907/2006, Annex II

* Indicates section(s) where changes have been made

**Full text of the H and EUH phrases mentioned in section 3**

- **H302** Harmful if swallowed
- **H400** Very toxic to aquatic life
- **H411** Toxic to aquatic life with long lasting effects
- **H314** Causes severe skin burns and eye damage
- **H318** Causes serious eye damage
- **H312** Harmful in contact with skin
- **H332** Harmful if inhaled

**Abbreviations and acronyms**

- **ATE** Acute Toxicity Estimate
- **CLP** Classification, Labelling and Packaging Regulation [Regulation (EC) No.1272/2008]
- **DNEL** Derived No Effect Level
- **EUH statement** CLP-specific Hazard statement
- **PNEC** Predicted No Effect Concentration
- **REACH No** REACH registration number, without supplier specific part