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

1.1 Product Identifier
- Product Name: Adette
- Product Codes: 710314, 710315

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Uses advised against: None Identified

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
- 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.

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 (In Accordance With (EC) No. 1272/2008)
  - Pictogram(s): N/A
  - Signal Word: N/A
  - Hazard Statements: N/A
  - Precautionary statements:
    - Prevention: P280
    - Response: P305 + P351 + P338
  - Wear protective gloves
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - If eye irritation persists. Get medical attention.

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</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benzenesulfonic acid, C10-13-alkyl derivs., sodium salts</td>
<td>N/A 68411-30-3 270-115-0</td>
<td>1-10</td>
<td>Acute Tox 4 (H302) Skin Irrit 2 (H315) Eye Dam 1 (H318) Aquatic Chronic 3 (H411)</td>
<td>1</td>
</tr>
<tr>
<td>Sodium Lauryl Ether Sulphate</td>
<td>N/A</td>
<td>1-10</td>
<td>Acute Tox 4 (H302)</td>
<td>1</td>
</tr>
</tbody>
</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. Exposure by inhalation in unlikely in normal use.

Skin Contact
Flush contaminated area with running water for 10 minutes, remove any contaminated clothing and launder before re-use. If irritation persists or there is any sign of skin damage 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 most likely symptoms when there is exposure to skin, eyes and respiratory system. 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.

6.3 Methods and material for containment and cleaning up
Small spill:
Dilute with water and mop up 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

Occupational exposure limits
Product/ingredient name
Exposure limit values
Contains no ingredients with set exposure limits

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
The concentrated product is intended to be used via a dispensing system to avoid splashes and contact with the skin. Wear appropriate PPE if contact is possible when changing flasks. Airborne vapours or mists are not anticipated in normal use.

Personal Protective Equipment
Respiratory protection:
Not needed in normal use.

Hand protection
Wear chemical resistant protective gloves (EN 374)
Review condition of gloves when in use, especially for wear, cuts and breakthrough after prolonged contact.

Eye protection
Not needed in normal use.

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>Viscous Liquid.</td>
</tr>
<tr>
<td>Colour</td>
<td>Clear, Green</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>6.5 – 7.5(at 100%)</td>
</tr>
</tbody>
</table>
## Melting point/Freezing point
Not determined for the mixture.

## Initial boiling point and boiling range
Not determined for the mixture.

## Flash point
>100 deg C

## Evaporation rate
Not determined for the mixture.

## Flammability (solid, gas)
Not flammable.

## Burning time
Not determined for the mixture.

## Burning rate
Not determined for the mixture.

## Upper/lower flammability or explosive limits
Not determined for the mixture.

## Vapour pressure
Not determined for the mixture.

## Relative density
1.020-1.030

## Solubility(ies)
Readily soluble in cold and hot water

## Partition coefficient: n-octanol/water
Not determined for the mixture.

## Auto ignition temperature
Not determined for the mixture.

## Decomposition temperature
Not determined for the mixture.

## Explosive properties
Not explosive

## Oxidising properties
None

### 9.2 Other Information
No further relevant information available

### 10 Stability and Reactivity

#### 10.1 Reactivity
No specific test data related to reactivity available for this product or its ingredients.

#### 10.2 Chemical Stability
Stable mixture under normal conditions or storage and use.

#### 10.3 Possibility of hazardous reactions
Hazardous reactions will not occur in normal storage conditions.

#### 10.4 Conditions to avoid
None known in normal storage conditions.

#### 10.5 Incompatible materials
None known.

#### 10.6 Hazardous decomposition products
Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 11 Toxicology

#### 11.1 Information on toxicological effects
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.

### 12 Ecological information

#### 12.1 Toxicity
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.

#### 12.2 Persistence and degradability

##### Conclusion/Summary
Any surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

#### 12.3 Bioaccumulative potential

##### Conclusion/Summary
Not determined for the mixture.

#### 12.4 Mobility in soil

##### Soil/water partition coefficient (KOC)
Not determined for the mixture.

##### Mobility
Not determined for the mixture.

#### 12.5 Results of PBT and vPvB assessment

##### PBT
Not applicable.

##### vPvB
Not applicable.

#### 12.6 Other adverse effects
No known significant effects or critical hazards.

### 13: Disposal considerations

#### 13.1 Waste treatment methods

##### 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

14.1 UN number
None

14.2 UN proper shipping name
Not Required

14.3 Transport hazard class(es):
Not considered to be hazardous for transport

14.4 Packing group
Not Required

14.5 Environmental hazards
None known

14.6 Special precautions for user
None known

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

Other relevant information (ADR)
Not required

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

5-15% Anionic surfactants
<5 Non-Ionic surfactants
Contains 1,2-benzisothiazol-3-one
2-methyl-2H-isothiazol-3-one

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

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

H302 Harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage
H400 Very toxic to aquatic life
H412 Harmful to aquatic life with long lasting effects

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
N/A Not Applicable
PNEC Predicted No Effect Concentration
REACH No REACH registration number, without supplier specific part