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

1.1. Product identifier

Product name: Arnold Clark Fabric Cleaner
Product code: QAFS777

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

<table>
<thead>
<tr>
<th>Product Use</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>[SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen);</td>
<td>Gently removes stains from carpets and upholstery.</td>
</tr>
<tr>
<td>[SU21] Consumer uses: Private households (= general public = consumers);</td>
<td></td>
</tr>
</tbody>
</table>

1.3. Details of the supplier of the safety data sheet

Company: SUPAGARD LIMITED
Address: 19-27 Gavinton Street, Muirend, Glasgow, G44 3EF
Web: www.supagard.co.uk
Telephone: 0141 633 5933
Fax: 01416377219
Email: James.Smyth@supagard.com

1.4. Emergency telephone number

Emergency telephone number: 01416335933
8.30am to 5.00pm
National Poisons Information Service:
For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice)
If you are a healthcare professional with an enquiry please visit www.TOXBASE.org

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - EC 1272/2008
This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures.

2.2. Label elements

Precautionary Statement: Prevention
P102 - Keep out of reach of children.
P264 - Wash hands and other contacted skin thoroughly after handling.
Arnold Clark Fabric Cleaner

2.2. Label elements

**Precautionary Statement:**

**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.

**Hazard Statement:**

No Significant Hazard

**SUPPLEMENTAL HAZARD INFORMATION:**

Ingredients as required by Regulation (EC) No 648/2004: Sodium Metasilicate Pentahydrate, Less than 5% Amphoteric Surfactants, Less than 5% Non-ionic Surfactants, Less than 5% Cationic Surfactants.

2.3. Other hazards

**Other hazards:**

This mixture is not classified as PBT or vPvB according to current EU criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>EC 1272/2008</th>
<th>Chemical Name</th>
<th>Index No.</th>
<th>CAS No.</th>
<th>EC No.</th>
<th>REACH Registration Number</th>
<th>Conc. (%w/w)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides</td>
<td>68424-85-1</td>
<td>939-350-2</td>
<td>01-2119970550-39</td>
<td>0 - 0.5%</td>
<td>Acute Tox. 4: H302; Skin Corr. 1B: H314; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>2-butoxyethanol</td>
<td>603-014-00-0</td>
<td>111-76-2</td>
<td>203-905-0</td>
<td>01-2119475108-36</td>
<td>0.5 - 1%</td>
<td>Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Flam. Liq. 2: H225; Eye Irrit. 2: H319;</td>
</tr>
<tr>
<td></td>
<td>Ethanol: Ethyl Alcohol (Ethanol)</td>
<td>64-17-5</td>
<td>200-578-6</td>
<td>01-2119457610-43</td>
<td>0 - 0.5%</td>
<td>Met. Corr. 1: H290; Skin Corr. 1B: H314; STOT SE 3: H335;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sodium Metasilicate Pentahydrate</td>
<td>10213-79-3</td>
<td>229-912-9</td>
<td>01-2119449811-37</td>
<td>0 - 0.5%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Further information

Product Shelf Life

RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.

SECTION 4: First aid measures

4.1. Description of first aid measures

**Inhalation**

Move the exposed person to fresh air.

**Eye contact**

Rinse immediately with plenty of water. Contact lenses should be removed.

**Skin contact**

Remove contaminated clothing. Wash with water and soap as a precaution.

**Ingestion**

DO NOT INDUCE VOMITING. Rinse mouth thoroughly.

4.2. Most important symptoms and effects, both acute and delayed

**Inhalation**

May cause irritation to respiratory system.

**Eye contact**

May cause irritation to eyes.

**Skin contact**

May cause skin dryness and irritation.

**Ingestion**

May cause irritation to mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

**Inhalation**

TREAT SYMPTOMATICALLY.

Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist.

**Eye contact**

Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.

**Skin contact**

Seek medical attention if irritation or symptoms persist.

**Ingestion**

Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist.

General information

If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically.
SECTION 5: Firefighting measures

5.1. Extinguishing media
This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture
Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters
Wear suitable respiratory equipment when necessary.

Further information
In the event of a fire and/or explosion do not breathe fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear suitable protective equipment.

6.2. Environmental precautions
Advise local authorities if large spills cannot be contained.

6.3. Methods and material for containment and cleaning up
For large spills: Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. For small spills: Flush down the drain with plenty of water.

6.4. Reference to other sections
See section 2, 7, 8, 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities
Store in a cool, dry area. Keep container tightly closed. Keep out of the reach of children. Store in original container.

7.3. Specific end use(s)
Gently removes stains from carpets and upholstery.

Suitable packaging
Plastic containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure controls.

8.1.1. Exposure Limit Values

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL 8-hr limit ppm</th>
<th>WEL 15 min limit ppm</th>
<th>WEL 8-hr limit mg/m3 total</th>
<th>WEL 15 min limit mg/m3 total</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>25</td>
<td>50</td>
<td>123</td>
<td>101.2</td>
</tr>
<tr>
<td></td>
<td>WEL 8-hr limit mg/m3 total - inhalable dust:</td>
<td>WEL 15 min limit mg/m3 total - inhalable dust:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Arnold Clark Fabric Cleaner

DNEL: Derived no-effect level.

### Exposure Pattern - Workers

<table>
<thead>
<tr>
<th>Substance</th>
<th>Acute Inhalation - Systemic effects</th>
<th>Acute Inhalation - Local effects</th>
<th>Acute Dermal - Systemic effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>1091 mg/m³</td>
<td>246 mg/m³</td>
<td>89 mg/kg</td>
</tr>
<tr>
<td>Long-term - Inhalation - Systemic effects</td>
<td>98 mg/m³</td>
<td>Long-term - Dermal - Systemic effects</td>
<td>125 mg/kg</td>
</tr>
</tbody>
</table>

### Exposure Pattern - General Population

<table>
<thead>
<tr>
<th>Substance</th>
<th>Acute Inhalation - Systemic effects</th>
<th>Acute Dermal - Systemic effects</th>
<th>Acute Oral - Systemic effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>426 mg/m³</td>
<td>89 mg/kg</td>
<td>26.7 mg/kg</td>
</tr>
<tr>
<td>Long-term - Inhalation - Systemic effects</td>
<td>59 mg/m³</td>
<td>Long-term - Inhalation - Local effects</td>
<td>147 mg/m³</td>
</tr>
<tr>
<td>Long-term - Dermal - Systemic effects</td>
<td>75 mg/kg</td>
<td>Long-term - Oral - Systemic effects</td>
<td>6.3 mg/kg</td>
</tr>
</tbody>
</table>

### 8.2. Exposure controls

#### 8.2.1. Appropriate engineering controls

- Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection.

#### Environmental exposure controls

- Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location.

#### Eye / Face protection

- Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields.

#### Skin protection - Hand protection

- Rubber gloves.

#### Respiratory protection

- No personal respiratory protective equipment normally required. In case of insufficient ventilation wear suitable respiratory equipment.

### 8.2.3. Environmental exposure controls

- Prevent further leakage or spillage if safe to do so.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties
Arnold Clark Fabric Cleaner

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>Cream</td>
</tr>
<tr>
<td>Odour</td>
<td>Characteristic</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>11 - 11.4</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Initial boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Solubility</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductivity</td>
<td>No data available</td>
</tr>
<tr>
<td>Surface tension</td>
<td>No data available</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.008 - 1.016 g/cm³</td>
</tr>
<tr>
<td>Gas group</td>
<td>No data available</td>
</tr>
<tr>
<td>Benzene Content</td>
<td>No data available</td>
</tr>
<tr>
<td>Lead content</td>
<td>No data available</td>
</tr>
<tr>
<td>VOC (Volatile organic compounds)</td>
<td>No data available</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions. No specific reactivity hazards associated with this product.

10.2. Chemical stability
Stable under normal conditions. No particular stability concerns.

10.3. Possibility of hazardous reactions
Strong acids. Strong oxidising agents.

10.4. Conditions to avoid
Protect from frost.

10.5. Incompatible materials
No incompatible groups noted.

10.6. Hazardous decomposition products
No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP).

Acute toxicity
Based on available data the classification criteria are not met.
Arnold Clark Fabric Cleaner

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin corrosion/irritation</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>based on available data the classification criteria are not met.</td>
</tr>
</tbody>
</table>

11.1.2. Mixtures

No data available.

11.1.3. Hazard Information

No data available.

11.1.4. Toxicological Information

<table>
<thead>
<tr>
<th>Substance</th>
<th>Inhalation Rat LC50/15min</th>
<th>Inhalation Rat LC50/30min</th>
<th>Inhalation Rat LC50/4 h</th>
<th>Dermal Rat LD50</th>
<th>Oral Rat LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-butoxyethanol</td>
<td>4500 ppm</td>
<td>11.0 mg/l</td>
<td>1.5 mg/l</td>
<td>1100 mg/kg</td>
<td>1300 mg/kg</td>
</tr>
</tbody>
</table>

12. Toxicity

12.1. EC50 and LC50 values

<table>
<thead>
<tr>
<th>Substance</th>
<th>EC50 for marine or freshwater organisms</th>
<th>LC50 for marine or freshwater organisms</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol: Ethyl Alcohol</td>
<td>&gt;100.0000 mg/l</td>
<td>&gt;100.0000 mg/l</td>
</tr>
<tr>
<td>2-butoxyethanol</td>
<td>9.6000 mg/l</td>
<td>9.6000 mg/l</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines.

12.3. Bioaccumulative potential

No data is available on this product.

12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

General information
### General information

<table>
<thead>
<tr>
<th>Disposal of packaging</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispose of in compliance with all local and national requirements.</td>
</tr>
</tbody>
</table>

### Disposal of packaging

| Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. |

### SECTION 14: Transport information

14.1. UN number

The product is not classified as dangerous for carriage.

14.2. UN proper shipping name

The product is not classified as dangerous for carriage.

14.3. Transport hazard class(es)

The product is not classified as dangerous for carriage.

14.4. Packing group

The product is not classified as dangerous for carriage.

14.5. Environmental hazards

The product is not classified as dangerous for carriage.

14.6. Special precautions for user

The product is not classified as dangerous for carriage.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

The product is not classified as dangerous for carriage.

### SECTION 15: Regulatory information

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

**Regulations**


15.2. Chemical safety assessment

No information available.

### SECTION 16: Other information

**Revision**

This document differs from the previous version in the following areas:

1 - Description.
2 - Precautionary Statement: Prevention.
2 - Precautionary Statement: Disposal.
2 - SUPPLEMENTAL HAZARD INFORMATION.
3 - Active Ingredients.
7 - 7.3. Specific end use(s).
## Other information

### Text of Hazard Statements in Section 3

<table>
<thead>
<tr>
<th>Hazard Category</th>
<th>Hazard Statement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute Tox. 4: H302</td>
<td>Harmful if swallowed.</td>
</tr>
<tr>
<td>Skin Corr. 1B: H314</td>
<td>Causes severe skin burns and eye damage.</td>
</tr>
<tr>
<td>Aquatic Acute 1: H400</td>
<td>Very toxic to aquatic life.</td>
</tr>
<tr>
<td>Aquatic Chronic 1: H410</td>
<td>Very toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>Acute Tox. 4: H312</td>
<td>Harmful in contact with skin.</td>
</tr>
<tr>
<td>Skin Irrit. 2: H315</td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td>Eye Irrit. 2: H319</td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td>Acute Tox. 4: H332</td>
<td>Harmful if inhaled.</td>
</tr>
<tr>
<td>Flam. Liq. 2: H225</td>
<td>Highly flammable liquid and vapour.</td>
</tr>
<tr>
<td>Met. Corr. 1: H290</td>
<td>May be corrosive to metals.</td>
</tr>
<tr>
<td>STOT SE 3: H335</td>
<td>May cause respiratory irritation.</td>
</tr>
</tbody>
</table>

### Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.