## 1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier
- **Product Name**: Cabin Cleaner
- **Product Code(s)**: 727

### 1.2 Relevant identified uses of the substance or mixture and uses advised against
- **Identified use(s)**: Aircraft, Marine, and Automotive Multi Surface Cleaner.
- **Uses advised against**: Must not be used by persons under the age of 18, except when adult supervision is available.

### 1.3 Details of the supplier of the Safety Data Sheet
- **Company Identification**: Alexander Fraser and Son Trading Ltd, t/as Frasers Aerospace
  185-187 High Road
  Chadwell Heath
  Romford
  Essex RM6 6NR
  United Kingdom
- **Telephone**: +44 (0)20 8597 8781
- **E-Mail (competent person)**: jason.england@alex-fraser.co.uk

### 1.4 Emergency telephone number
- **Emergency Phone No.**: +44 (0)20 8597 8781 (08.00 – 17.00 GMT Monday - Friday)

## 2. SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

### 2.2 Label elements
- **Label elements according to Regulation (EC) No. 1272/2008 (CLP)**:
  - **GHS Product Identifier**: None
  - **Hazard Pictogram**: None
  - **Signal word(s)**: None
  - **Hazard statement(s)**: None
Precautionary statement(s)

P102: Keep out of reach of children.
P262: Do not get in eyes, on skin, or on clothing.
P271: Use only in a well-ventilated area.
P281: Use personal protective equipment as required.
P301: IF SWALLOWED: seek medical advice immediately and show the container or label.
P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

2.3 Other hazards
None

2.4 Additional Information
According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures
EC Classification No. 1272/2008

<table>
<thead>
<tr>
<th>Hazardous ingredient(s)</th>
<th>%W/W</th>
<th>Cas No.</th>
<th>EC No.</th>
<th>REACH Registration No.</th>
<th>Hazard pictogram(s) and Hazard statement(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>According to the manufacturers, the product does not contain hazardous ingredients.</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>None</td>
</tr>
</tbody>
</table>

3.3 Additional Information
For full text of H/P phrases see section 16.
4. SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation
First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Get medical attention if symptoms occur.

Skin Contact
First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if symptoms occur.

Eye Contact
First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if symptoms occur.

Ingestion
First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed
None stated.

4.3 Indication of immediate medical attention and special treatment needed
All treatments should be based on observed signs and symptoms of distress in the patient. Contact with eyes: May cause slight redness or irritation.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media
Material is non-combustible. In case of fire, use media as appropriate for surrounding fire: CO₂, dry chemical, universal aqueous film forming foam, or water.

Unsuitable Extinguishing Media
No data available.

5.2 Special hazards arising from the mixture
None known.

5.3 Advice for fire-fighters
Fire-fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.
### 6. SECTION 6: ACCIDENTAL RELEASE MEASURES

<table>
<thead>
<tr>
<th>6.1</th>
<th>Personal precautions, protective equipment and emergency procedures</th>
<th>Avoid contact with spilled material. Wear suitable protective equipment. Refer to section 5 for fire-fighting; section 4 for first-aid advice; and section 8 for minimum requirements for personal protective equipment.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.2</td>
<td>Environmental precautions</td>
<td>No special precautions required.</td>
</tr>
<tr>
<td>6.3</td>
<td>Methods and material for containment and cleaning up</td>
<td>Adsorb spillages onto sand, earth or any suitable adsorbent material.</td>
</tr>
<tr>
<td>6.4</td>
<td>Reference to other sections</td>
<td>Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.</td>
</tr>
<tr>
<td>6.5</td>
<td>Additional Information</td>
<td>None</td>
</tr>
</tbody>
</table>

### 7. SECTION 7: HANDLING AND STORAGE

<table>
<thead>
<tr>
<th>7.1</th>
<th>Precautions for safe handling</th>
<th>Avoid contact with skin and eyes. Avoid ingestion. Wear protective gloves/clothing and eye/face protection. Prevent small spills and leakages to avoid slip hazard.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.2</td>
<td>Conditions for safe storage, including any incompatibilities</td>
<td>Store in a cool/low temperature, well ventilated, dry place. Avoid freezing or extreme heat.</td>
</tr>
<tr>
<td></td>
<td>Storage Temperature</td>
<td>No data available.</td>
</tr>
<tr>
<td></td>
<td>Storage Life</td>
<td>No data available.</td>
</tr>
<tr>
<td></td>
<td>Incompatible materials</td>
<td>No data available.</td>
</tr>
<tr>
<td>7.3</td>
<td>Specific end use(s)</td>
<td>Aircraft, Marine, and Automotive Multi Surface Cleaner.</td>
</tr>
</tbody>
</table>
8. SECTION 8: EXPOSURE CONTROLS/PERSNAL PROTECTION

8.1 Control parameters
8.1.1 Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE</th>
<th>CAS No.</th>
<th>LTEL (8 hr TWA ppm)</th>
<th>LTEL (8 hr TWA mg/m³)</th>
<th>STEL (ppm)</th>
<th>STEL (mg/m³)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>EH40</td>
</tr>
</tbody>
</table>

8.1.2 Biological limit value
Not established

8.1.3 PNECs and DNELs
Not established

8.2.1 Appropriate engineering controls
No data available.

8.2.2 Personal protection equipment

Eye/face protection
Wear chemical safety glasses with side shields, or splash-proof goggles

Skin protection (Hand protection/ Other)
Any specific glove information provided is based on published literature and glove-manufacturer data. Contact the glove manufacturer for glove selection and breakthrough times for your use conditions. Inspect and replace worn or damaged gloves. Chemical resistant gloves are recommended. If contact with forearms is likely, wear gauntlet -style gloves. CEN standards EN 420 and EN 374 provide general requirements and list of glove types.

Respiratory protection
Respiratory protection is unnecessary, provided the concentration of vapour, mist or fumes is properly controlled.
If engineering controls do not maintain airborne contaminant concentrations at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be in accordance with regulatory requirements. Types of respirator to be considered for this mixture include: Half-face filter respirator; Type A filter material CEN standards EN136, EN140 and EN 405 provide respirator masks and EN 149 and EN 143 provide filter recommendations.

Thermal hazards
None Known

8.2.3 Environmental Exposure Controls
See sections 6,7,12,13

Cabin Cleaner Page: 5/10 Date: 24 March 2016 Revision 1.0
9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- Appearance: Clear liquid
- Colour: Green
- Odour: None
- Odour Threshold (ppm): No data available
- pH (Value): 9.0 – 9.1
- Melting Point (°C) / Freezing Point (°C): 0
- Boiling point/boiling range (°C): 100
- Flash Point (°C): No data available
- Evaporation rate (Butyl Acetate = 1): No data available
- Flammability (solid, gas): No data available
- Explosive limit ranges: No data available
- Vapour Pressure (mm Hg): 14.7
- Vapour Density (Air=1): 0.622
- Density (g/ml): 1.05
- Solubility (Water): Soluble
- Solubility (Other): No data available
- Partition Coefficient (n-Octanol/water): No data available
- Auto Ignition Temperature (°C): No data available
- Decomposition Temperature (°C): No data available
- Viscosity (mPa.s): No data available
- Explosive properties: No data available
- Oxidising properties: No data available

9.2 Other information

None.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
No data available.

10.2 Chemical stability
Stable under normal conditions.

10.3 Possibility of hazardous reactions
Hazardous polymerization will not occur.

10.4 Conditions to avoid
None.

10.5 Incompatible materials
No data available.

10.6 Hazardous Decomposition Product(s)
None.
11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

11.1.2 Mixtures

| Acute toxicity | Exposure to this material under normal conditions of use is not expected to cause any hazards. No toxicological information is available for this material. |
| Irritation | Contact with eyes may cause slight redness or irritation. |
| Corrosivity | No data available |
| Sensitisation | No data available |
| Repeated dose toxicity | No data available |
| Carcinogenicity | None of the ingredients in the product are listed with OSHA, IARP, or NTP as being carcinogenic. |
| Mutagenicity | No data available |
| Toxicity for reproduction | No data available |

11.2 Other information

None

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

No known ecological effects.

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and VPVB assessment

No PBT or VPVB assessment has been conducted.

12.6 Other adverse effects

None
13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. Empty containers retain residue (liquid and/or vapour) and can be dangerous. Do not burn, or use a cutting torch on, the empty drum.

Dispose of in accordance with the European Directives on waste and hazardous waste. Waste must be classified and labelled prior to recycling or disposal. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

13.2 Additional Information

None

14. SECTION 14: TRANSPORT INFORMATION

14.1 Land transport (ADR/RID)

UN number Not regulated
Proper Shipping Name Not regulated
Transport hazard class(es) Not regulated
Packing Group Not regulated
Hazard label(s) Not regulated
Environmental hazards Not regulated
Special precautions for user Not regulated

14.2 Sea transport (IMDG)

UN number Not regulated
Proper Shipping Name Not regulated
Transport hazard class(es) Not regulated
Packing Group Not regulated
Marine Pollutant Not regulated
Special precautions for user Not regulated

14.3 Air transport (ICAO/IATA)

UN number Not regulated
Proper Shipping Name Not regulated
Transport hazard class(es) Not regulated
Packing Group Not regulated
Environmental hazards Not regulated
Special precautions for user Not regulated

14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable
15. SECTION 15: REGULATORY INFORMATION

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

15.1.1 EU regulations

Authorisations and/or restrictions on use

Refer to EU regulation for details of any actions or restrictions by the above regulations or directives.

15.1.2 National regulations

Refer to national regulation for details of any actions or restrictions by the above regulations or directives.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this mixture.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: 1-16.

LEGEND

LTel Long Term Exposure Limit
STEL Short Term Exposure Limit
STOT Specific Target Organ Toxicity
DNEL Derived No Effect Level
PNEL Predicted No Effect Concentration
RCP Reciprocal Calculation Procedure

References: Sources of information used in preparing this SDS included one or more of the following: results from in-house or supplier toxicology studies; publications from trade associations; ECHA publications; EU guidelines and other sources as appropriate.

Hazard statement(s) and Precautionary statement(s)

P102: Keep out of reach of children.
P262: Do not get in eyes, on skin, or on clothing.
P271: Use only in a well-ventilated area.
P281: Use personal protective equipment as required.
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P305+P351+P338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
Additional Information

This Safety Data Sheet has been produced from information supplied by the formulators of the product, and Information contained in this publication or as otherwise supplied to users is believed to be accurate and is given in good faith, but it is for the users to satisfy themselves of the suitability of the product for their own particular purpose. Frasers Aerospace gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Frasers Aerospace accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.