



AEROSPACE MATERIAL SOLUTIONS

SAFETY DATA SHEET

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH) & 1272/2008 (CLP)

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. Product is for professional use only Must not be used by persons under the age of 18, except when adult supervision is available.
Uses advised against	None
1.3 Details of the supplier of the Safety Data Sheet	
Company Identification	Alexander Fraser and Son Trading Ltd, t/as Fraser's Aerospace 185-187 High Road Chadwell Heath Romford Essex RM6 6NR United Kingdom +44 (0)20 8597 8781 jason.england@alex-fraser.co.uk
Telephone	
E-Mail (competent person)	
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	
2.1.1 Regulation (EC) No. 1272/2008 (CLP)	Not classified as hazardous.
2.2 Label elements	
2.2.1 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



AEROSPACE MATERIAL SOLUTIONS

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

Hazardous ingredient(s)	%W/W	Cas No.	EC No.	REACH Registration No.	Hazard pictogram(s) and Hazard statement(s)
According to the manufacturers, the product does not contain hazardous ingredients.	-	-	-	-	None

3.3 Additional Information

For full text of H/P phrases see section 16.



AEROSPACE MATERIAL SOLUTIONS

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: CO ₂ , 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.



AEROSPACE MATERIAL SOLUTIONS

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	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.
6.2	Environmental precautions	No special precautions required.
6.3	Methods and material for containment and cleaning up	Adsorb spillages onto sand, earth or any suitable adsorbent material.
6.4	Reference to other sections	Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
6.5	Additional Information	None

7. SECTION 7: HANDLING AND STORAGE

7.1	Precautions for safe handling	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.
7.2	Conditions for safe storage, including any incompatibilities	
	Storage Temperature	Store in a cool/low temperature, well ventilated, dry place. Avoid freezing or extreme heat.
	Storage Life	No data available.
	Incompatible materials	No data available.
7.3	Specific end use(s)	Aircraft, Marine, and Automotive Multi Surface Cleaner.



AEROSPACE MATERIAL SOLUTIONS

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

8.1.1 Occupational Exposure Limits

SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)	Note:
-	-	-	-	-	-	EH40

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



AEROSPACE MATERIAL SOLUTIONS

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.



AEROSPACE MATERIAL SOLUTIONS

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



AEROSPACE MATERIAL SOLUTIONS

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	<p>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.</p> <p>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.</p>
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



AEROSPACE MATERIAL SOLUTIONS

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	1907/2006 – REACH 1272/2008 – CLP 648/2004/EC-Detergents Directive Control of Substance Hazardous to Health (COSHH) Dangerous Substances and Explosive Atmosphere regulations (DSEAR)
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.
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.



A E R O S P A C E M A T E R I A L S O L U T I O N S

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.