



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

## 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

<b>1.1 Product identifier</b>	
Product Name	SafeSolv
Product Code(s)	747
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	
Identified use(s)	Aircraft, Marine, and Automotive Multi Surface Solvent. 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
<b>1.3 Details of the supplier of the Safety Data Sheet</b>	
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
Telephone	+44 (0)20 8597 8781
E-Mail (competent person)	jason.english@alex-fraser.co.uk
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	+44 (0)20 8597 8781 (08.00 – 17.00 GMT Monday - Friday)

### 2. SECTION 2: HAZARDS IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
<b>2.1.1 Regulation (EC) No. 1272/2008 (CLP)</b>	Not classified as hazardous.
<b>2.2 Label elements</b>	
<b>2.2.1 Label elements</b>	According to Regulation (EC) No. 1272/2008 (CLP)
GHS Product Identifier	None
Hazard Pictogram	None
Signal word(s)	None
Hazard statement(s)	None



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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(
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.



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**4. SECTION 4: FIRST AID MEASURES**



**4.1 Description of first aid measures**

Inhalation	IF INHALED: May cause irritation to respiratory tract, nose, throat, coughing, and headache in large quantities. Remove person to fresh air. Get medical attention if symptoms occur.
Skin Contact	IF ON SKIN: May cause redness. Prolonged or repeated exposure may cause drying of the skin. Wash with plenty of soap and water. Get medical attention if symptoms occur.
Eye Contact	IF IN EYES: Causes moderate to severe irritation. 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	IF INGESTED: Harmful if swallowed. Low chance of ingestion during normal use. Should ingestion occur it may cause irritation to gastrointestinal tract causing nausea or vomiting. If product is ingested, rinse mouth with water and consult a physician.

**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.

**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 <sub>2</sub> , 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.



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**6. SECTION 6: ACCIDENTAL RELEASE MEASURES**

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

**7. SECTION 7: HANDLING AND STORAGE**

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

### 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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	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



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**9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

<b>9.1</b>	<b>Information on basic physical and chemical properties</b>	
	Appearance	Liquid
	Colour	Orange
	Odour	Orange citrus
	Odour Threshold (ppm)	No data available
	pH (Value)	6.0 – 6.3
	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)	2
	Vapour Density (Air=1)	0.012
	Density (g/ml)	0.84
	Solubility (Water)	Non-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
<b>9.2</b>	<b>Other information</b>	None

**10. SECTION 10: STABILITY AND REACTIVITY**

<b>10.1</b>	<b>Reactivity</b>	No data available.
<b>10.2</b>	<b>Chemical stability</b>	Stable under normal conditions.
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	Hazardous polymerization will not occur.
<b>10.4</b>	<b>Conditions to avoid</b>	Repeated freeze-thaw cycles and excessive heat.
<b>10.5</b>	<b>Incompatible materials</b>	Strong oxidising agents and acids.
<b>10.6</b>	<b>Hazardous Decomposition Product(s)</b>	Smoke may be acrid and fumes irritating. Burning generates CO, CO <sub>2</sub> , and smoke. Product is not an oxygen donor.



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### 11. SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

##### 11.1.2 Mixtures

Acute toxicity	Contact with eyes: causes moderate to severe burning.
Irritation	Contact with skin may cause slight redness or irritation. May cause irritation of gastrointestinal tract / vomiting. Inhalation in large amounts may cause irritation of respiratory passages.
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



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**13. SECTION 13: DISPOSAL CONSIDERATIONS**

<b>13.1 Waste treatment methods</b>	<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>
<b>13.2 Additional Information</b>	None

**14. SECTION 14: TRANSPORT INFORMATION**

<b>14.1 Land transport (ADR/RID)</b>	
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
<b>14.2 Sea transport (IMDG)</b>	
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
<b>14.3 Air transport (ICAO/IATA)</b>	
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
<b>14.4 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	Not applicable





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### 15. SECTION 15: REGULATORY INFORMATION

<b>15.1</b>	<b>Safety, health and environmental regulations/legislation specific for the substance or mixture</b>	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)
<b>15.1.1</b>	<b>EU regulations</b> Authorisations and/or restrictions on use	Refer to EU regulation for details of any actions or restrictions by the above regulations or directives.
<b>15.1.2</b>	<b>National regulations</b>	Refer to national regulation for details of any actions or restrictions by the above regulations or directives
<b>15.2</b>	<b>Chemical Safety Assessment</b>	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.  
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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.



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#### **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. Fraser's 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. Fraser's 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.