



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)

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

<b>1.1 Product identifier</b>	
Product Name	CITRI-CUT-XTRA
Product Code(s)	
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>	Cleaning Compound.
Identified use(s)	Polishing of aircraft 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 1 James Road Brentwood Essex CM14 4LH United Kingdom +44 (0)20 8597 8781 jason.england@alex-fraser.co.uk
Telephone	
E-Mail (competent person)	
<b>1.4 Emergency telephone number</b>	
Emergency Phone No.	+44 (0)20 8597 8781 (08.00 – 17.00 GMT Monday - Friday)

### SECTION 2: HAZARDS IDENTIFICATION

<p><b>2.1</b>    <b>Classification of the substance or mixture</b></p> <p><b>2.1.1</b>   <b>Regulation (EC) No. 1272/2008 (CLP)</b></p>	<p>Skin Irritant (Category 2). Causes skin irritation. Eye Irritant (Category 2). Causes serious eye irritation.</p>
<p><b>2.2</b>    <b>Label elements</b></p> <p><b>2.2.1</b>   <b>Label elements</b> GHS Product Identifier Hazard Pictogram</p>	<p>According to Regulation (EC) No. 1272/2008 (CLP)</p> <div style="text-align: center;">  </div>
<p>Signal word(s)</p>	<p>Warning</p>
<p>Hazard statement(s)</p>	<p>H315: Causes skin irritation H319: Causes serious eye irritation</p>
<p>Precautionary statement(s)</p>	<p>P102: Keep out of reach of children. P262: Do not get in eyes, on skin, or on clothing. P264: Wash hands thoroughly after handling. 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. P501: Dispose of contents/container to: hazardous waste site</p>
<p><b>2.3</b>    <b>Other hazards</b></p>	<p>None</p>
<p><b>2.4</b>    <b>Additional Information</b></p>	<p>None</p>

### 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)
Trade Secret Information	100	N/A	-	-	Skin Irrit. 2, H315 Eye Irrit. 2, H319

#### 3.3 Additional Information

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

According to the manufacturers, the 'non-Regulated components are proprietary, confidential, and trade secret.' They are silent on hazardous ingredients using the cover of 'Trade Secret Information' yet, in Section 2.2 of their own SDS, they refer to the fact that the products causes skin irritation and serious eye irritation. This would suggest that there are hazardous ingredients in the mixture, and the high degree of alkalinity (pH of 12.1 – 12.5) would lend support to this. In light of this, we have Classified the mixture as hazardous as stated at Section 2.1.1 above.

### SECTION 4: FIRST AID MEASURES



#### 4.1 Description of first aid measures

Inhalation

Remove persons affected by vapour to fresh air.

For those providing assistance, avoid exposure to yourself or others. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance. If breathing is irregular or has stopped, administer artificial respiration.

Skin Contact

Remove contaminated clothing and wash affected skin with soap and water. Wash contaminated clothing before reuse.

Eye Contact

Eyes should be flushed with plenty of water for 20 minutes. Get immediate medical attention.

Ingestion

Wash out mouth with water. Do NOT induce vomiting. If vomiting does occur, keep head low so that vomit does not enter lungs. Maintain an open airway. Get immediate medical attention.

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

Dryness, irritation and de-fatting of skin. Moderate irritation of the eyes upon contact. Breathing high concentrations may irritate nose and throat.

#### 4.3 Indication of immediate medical attention and special treatment needed

If ingested, will cause serious gastric disturbances.



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### SECTION 5: FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing Media</b>		
Suitable Extinguishing Media		Extinguish with dry chemical, foam, water spray, or carbon dioxide.
Unsuitable Extinguishing Media		None known
<b>5.2 Special hazards arising from the substance or mixture</b>		Burning produces carbon oxides.
<b>5.3 Advice for fire-fighters</b>		Evacuate area. If a leak or a spill has not ignited, use water spray to disperse the vapours and to protect personnel attempting to stop a leak. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. 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.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 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 Environmental precautions</b>		Do not allow to enter drains, sewers or watercourses.
<b>6.3 Methods and material for containment and cleaning up</b>		Adsorb spillages onto sand, earth or any suitable adsorbent material.
<b>6.4 Reference to other sections</b>		Section 1 for emergency contact. Section 8 for information on appropriate personal protective equipment.
<b>6.5 Additional Information</b>		None

### SECTION 7: HANDLING AND STORAGE

<b>7.1 Precautions for safe handling</b>		Avoid contact with skin. Avoid breathing fumes. Avoid ingestion. Avoid inhalation of vapours. Use only with adequate ventilation. Keep away from heat and sources of ignition. Keep container tightly closed. Wear protective gloves/clothing and eye/face protection.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>		
Storage Temperature		Store indoors. Keep away from heat and freezing conditions.
Storage Life		No data available
Incompatible materials		Strong acids, alkalis and oxidising agents.
<b>7.3 Specific end use(s)</b>		Cleaning compound.

### 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:
-	-	-	-	-	-	-

**8.1.2 Biological limit value**

Not established

**8.1.3 PNECs and DNELs**

Not established

**8.2.1 Appropriate engineering controls**

If user operations generate dust, fumes, vapour or mist, use process enclosures, local exhaust or other engineering controls to keep worker exposure below any recommended or statutory limits.

**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



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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### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>9.1</b>	<b>Information on basic physical and chemical properties</b>	
	Appearance	Liquid
	Colour	Orange/translucent
	Odour	Citrus - medium
	Odour Threshold (ppm)	No data available
	pH (Value)	12.1 – 12.5
	Melting Point (°C) / Freezing Point (°C)	No data available
	Boiling point/boiling range (°C):	100
	Flash Point (°C)	100
	Evaporation rate (Butyl Acetate = 1)	<1.0
	Flammability (solid, gas)	No data available
	Explosive limit ranges.	No data available
	Vapour Pressure (mm Hg)	18
	Vapour Density (Air=1)	>1.0
	Density (g/ml)	1.02
	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
<b>9.2</b>	<b>Other information</b>	None

### SECTION 10: STABILITY AND REACTIVITY

<b>10.1</b>	<b>Reactivity</b>	Stable under normal conditions of use
<b>10.2</b>	<b>Chemical stability</b>	Stable under normal conditions.
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	See 10.5
<b>10.4</b>	<b>Conditions to avoid</b>	None stated.
<b>10.5</b>	<b>Incompatible materials</b>	Strong acids, alkalis and oxidising agents.
<b>10.6</b>	<b>Hazardous Decomposition Product(s)</b>	Carbon oxides will be evolved when this material undergoes combustion or thermal or oxidative degradation.



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**SECTION 11: TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**11.1.2 Mixtures**

Acute toxicity  
Irritation

No data available

SKIN: Possible irritation and drying during prolonged contact

EYES: Will cause moderate irritation and cornea damage upon direct contact

RESPIRATORY: May irritate nose & throat when breathing high concentrations

INGESTION: Will cause serious gastric disturbances.

Corrosivity

No data available

Sensitisation

No data available

Repeated dose toxicity

No data available

Carcinogenicity

No data available

Mutagenicity

No data available

Toxicity for reproduction

No data available

**11.2 Other information**

None

**SECTION 12: ECOLOGICAL INFORMATION**

**12.1 Toxicity**

No data available

**12.2 Persistence and degradability**

The mixture is expected to be inherently biodegradable.

**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 Components

**12.6 Other adverse effects**

None

**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



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**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

**SECTION 15: REGULATORY INFORMATION**

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

1907/2006 – REACH  
 1272/2008 – CLP  
 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





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### 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)

H315: Causes skin irritation

H319: Causes serious eye irritation

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands thoroughly after handling.

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.

P501: Dispose of contents/container to: hazardous waste site P102: Keep out of reach of children.

#### 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.