



Material Safety Data Sheet

In compliance with Regulation (EC) No. 1907/2006 & 453/2010 (REACH)

Compilation Date: 27/02/15, issue 1

1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

- 1.1 Product identifier** AEROWASH RTU Modified (1:20 dilution neat product)
- 1.2 Use of Preparation** Ready to use cleaning preparation for removing debris and grime from the exterior of aircraft.
- 1.3 Supplier details** Frasers Aerospace
1 St James Road
Brentwood
Essex
England
CM14 4LH
Phone: + 44 (0)20 8597 8781
E-mail: contact@frasersaerospace.com
- 1.4 Emergency telephone number** + 44 (0)7917693370 (8am-5pm)

2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments

Not classified.

2.2 Label Elements

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments

Risk Phrases Not classified.

Safety Phrases S24/25 Avoid contact with eyes and skin.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other hazards None known.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures

Composition:



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Ingredient	Cas No.	EC No.	Conc
Alkyl polyglucoside	68515-73-1	500-220-1	0.1-1%

Classification (EC 1272/2008)

Eye Dam. 1 - H318

Classification (67/548/EEC)

Xi R41

Ingredient	Cas No.	EC No.	Conc
Sodium metasilicate	10213-79-3	229-912-9	0.1-1%

Classification (EC 1272/2008)

Skin corr/irrit Cat 1B; H314

STOT SE 3: H335

Corr. to metals Cat 1; H290

Classification (67/548/EEC)

C; R34, 37

4. FIRST AID MEASURES

4.1 Description of first aid measures

In the event of exposure by inhalation:

Move to fresh air. Immediate medical attention not required.

In the event of splashes or contact with the eyes:

Immediately flush eyes with plenty of water for at least 15 minutes. If any persistent irritation is apparent obtain medical advice immediately.

In the event of splashes or contact with the skin:

Remove contaminated clothing. Wash off skin with plenty of water, using soap if available.

In the event of swallowing:

Drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent of the concentration and the length of exposure.

Inhalation

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

Prolonged contact may cause minor irritation.



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Eye contact

Direct contact may cause slight irritation and redness.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media:

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

Suitable methods of extinction

Water, dry chemical or carbon dioxide.

Unsuitable methods of extinction

None known.

5.2 Special hazards arising from the mixture

When heated and in case of fire, harmful vapours/gases may be formed.

5.3 Advice for fire-fighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and procedures

No special protective clothing (See Section 8).

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and materials for containment and cleaning up

Small quantities may be flushed to drains with plenty of water. Large Spillages: Soak up with inert material (e.g. sand, silica, acid binder, sawdust). Pick up and transfer to properly labeled containers. After cleaning flush away traces with water.

6.4 Reference to other sections

For personal protection, see Section 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling



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Wear personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: oxidising materials and strong acids.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage Description

See Product Information Sheet & Label for detailed use of this product.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Hazardous ingredients:

Component	Std	TWA - 8 hrs	STEL - 15 min
Propan-2-ol	WEL	400 ppm 999 mg/m ³	500 ppm 1250 mg/m ³

8.2 Exposure controls

Engineering measures

Not relevant.

Personal protection measures, such as personal protective equipment

Eye/face protection

Not required under normal conditions of use.

Hand protection

Not required under normal conditions of use.

Body protection

Not required under normal conditions of use.

Respiratory protection

Respiratory protection not required.

Other protection

Avoid contact with eyes and skin. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General information:

Physical state

Appearance Liquid



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Colour	Clear to pale blue liquid
Odour	Characteristic
Solubility	Soluble
pH	11-12

9.2 Other information

None.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

Product is stable under normal conditions of use.

10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

Extreme temperatures.

10.5 Incompatible materials

Avoid oxidizing agents and strong acids.

10.6 Hazardous decomposition products

Thermal decomposition can lead to release of irritating gases and vapours.

11. TOXICOLOGICAL

11.1 Information on toxicological effects

Skin corrosion/skin irritation:

Not anticipated under normal conditions of use.

Serious damage to eyes/eye irritation:

Not anticipated under normal conditions of use.

Respiratory or skin sensitization:

Not anticipated under normal conditions of use.

12. ECOLOGICAL INFORMATION

12.1 Toxicity



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We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2 Persistence and degradability

The preparation is readily biodegradable. The surfactants in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bio-accumulative potential

No appreciable bioaccumulation potential is to be expected.

12.4 Mobility in soil

Completely soluble.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product Waste:

Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes should be sent for disposal by an approved waste contractor.

Soiled packaging:

Rinse container and consign empty container to normal waste.

14. TRANSPORT INFORMATION

General Not classified for as hazardous for Transport.

14.1 UN Number Not applicable/Non-hazardous

14.2 UN proper shipping name Not applicable/Non-hazardous

14.3 Transport Hazard class(es) Not applicable/Non-hazardous

Land

Inland Waterway Transport

Sea

Air

14.4 Packing group Not applicable/Non-hazardous



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14.5 Environmental hazards Not classified as environmentally hazardous

14.6 Special Precautions for user None

15. REGULATORY INFORMATION

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

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006.

The product is as classified under CHIP Directive 1999/45/EEC Classification, Packaging & Labelling of Dangerous Preparations.

Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & GHS/CLP Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2 Chemical safety assessment

Not applicable - this product is a mixture.

16. OTHER INFORMATION

Information Sources

Material Safety Data Sheets from raw material manufacturers.

CLP Classification - List of harmonised classification and labelling of hazardous substances.

CHIP Classification - List of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Comments

This Material Safety Data Sheet has been prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006. Raw material (ingredient) hazard classifications are listed in both CHIP & CLP format.

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The Risk Phrases/Hazard Statements listed below relate to the raw materials (ingredients) in the product (as listed in Section 3) and NOT the product itself. For the Risk Phrases / Hazard Statements relating to this product refer to Section 2.

Risk Phrases in Full

R34 Causes burns.

R37 Irritating to respiratory system.

R41 Risk of serious damage to eyes.

Hazard Statements in Full

H290 May be corrosive to metals.



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H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

Legal disclaimer:

The information provided is to the best of our knowledge correct and accurate. However, all data instructions and suggestions should be used only for guidance purposes. This company shall not be held liable for any damage resulting from handling or contact with the above product.