

Material Safety Data Sheet

Avesta First Aid Spray 910

This Safety Data Sheet contains information to help users understand the potential hazards relating to this product and provides advice for risk management. This information must be shown to or made available to those who may come into contact with the material or are responsible for the material. This Safety Data Sheet is prepared in accordance with GHS, as adopted by the UN Economic and Social Council (ECOSOC) in July 2003. Reference is also made to Australian the Hazardous Substances Information System (HSIS), released by the National Occupational Health and Safety Commission (NOSHC).

1. Identification of the Substance and Supplier

Trade name: Avesta First Aid Spray 910

Description: Aerosol containing odourless and colourless aqueous liquid for first aid use treating chemical splashes (hydrofluoric acid and fluorides in acid solution) in eyes and on skin.

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Supplier: Midway Metals Pty Ltd
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Erskine Park
NSW 2759 Australia
Ph: +61 (0)2 96708900
Fax: +61 (0)2 98342441
E-mail: billa@midwaymetals.com.au

In case of emergency call:

24 hour contact Ph: 131126 (National), +61-2-98453111 (International).

In case of non-emergency assistance 9am to 5pm Monday to Friday:
+61 (0)2 96708900

2. Hazards Identification

The product is not considered dangerous if used in accordance with supplier recommendations.

The product is not considered as Dangerous to the Environment, although care should be taken to avoid direct loss to the environment.

3. Composition

No hazardous components

Aqueous solution of the propriety material 'hexafluorine', described as non-hazardous by the supplier.



4. First Aid Measures

Inhalation

If exposed to spray, move to area of fresh air. If any signs of adverse effect, obtain medical advice.

Skin contact

The product is supplied only as emergency first aid. In case of accidental contact, wash with water. After use on skin, wash skin immediately with water and keep affected areas under flowing water. After treatment for acid contamination, obtain medical advice if continued signs of irritation or discomfort are noted as a result of contact with acid. Treatment should be consistent with effects from acid exposure.

Eye contact

The product is supplied only as emergency first aid. In case of accidental eye contact, rinse with water.

After use on eyes, flush eyes immediately with plenty of water for at least 5 minutes.

After treatment for acid contamination, obtain immediate medical advice. Treatment should be consistent with effects from acid exposure.

Ingestion

If swallowed, rinse mouth thoroughly and drink small quantity of water (500 ml).

Obtain medical advice if signs of discomfort.

Note to medical staff:

Product not considered hazardous, but it is supplied only for emergency first aid.

5. Fire fighting Measures

Not flammable

Extinguishing media

If in the vicinity of a fire, there are no known adverse reactions to any normal extinguishing media. The material is not known to be reactive with any extinguishing media.

Special exposure hazards (from the material or its combustion products)

Normal combustion products are not considered to be specifically hazardous.

Special precautions for fire fighters

None

6. Accidental release measures

Personal precautions

Remove unnecessary personnel away from area of spill or contamination.



Environmental precautions

Prevent spilled material or washings entering water courses or storm-water drainage systems. Diluted product and washings may be discharged into foul-water systems leading to waste water treatment plants.

Methods for cleaning up

Spills of up to 5 litres can be rinsed away to waste water drains with large quantities of water ensuring at least 10 X dilution factor. If not possible, absorb onto sand, sawdust or other suitable material. Residues should be collected and disposed of as chemical waste in suitably labelled containers. If the spillage is greater than 5 litres, contain spill and call in trained personnel.

The area contaminated by the spill should be washed with water.

7. Handling and storage

Handling

No special handling precautions are required. Ensure adequate ventilation. See section 8 for more details.

Storage

Store in original containers between 0 – 30°C. No special precautions. The concentration of hydrogen peroxide is below thresholds for concern.

8. Exposure controls/personal protection

No known occupation exposure limits.

Respiratory protection

None required during normal handling. Use in well ventilated areas and avoid formation of spray, aerosols or fumes.

Hand protection

Not required, but avoid unnecessary contact with skin.

Eye protection

Not required, but avoid contact with eyes.

Skin protection

Not required, but avoid unnecessary contact with skin.

Environmental exposure controls

When handling small quantities (less than 5 litres), no special precautions required. If handling bulk material, precautions should be taken to avoid accidental release to water courses.



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9. Physical and Chemical Properties

Appearance	Supplied in aerosol form. Clear non-viscous liquid
Freezing point	< -1 °C
Boiling point	Ca 100°C
Relative density	1.05 g/cm ³
Water solubility	Miscible in water, neutral pH 7.4
Flash point	Not flammable
Vapour pressure	Not considered volatile

10. Stability and Reactivity

Conditions to avoid

The material is considered to be stable under normal conditions. Store aerosol container away from direct sunlight and avoid elevated temperatures.

Materials to avoid

Avoid contact with strong oxidising or reducing agents.

Hazardous decomposition products

None known.

11. Toxicological Information

The preparation has not been tested but the effects can be estimated using the criteria covered by GHS and through estimation from the EU Preparations Directive 2001/59/EC. Corrosive effects are predicted through consideration of the very low pH.

Acute oral toxicity	Not considered hazardous. Measured LD50 reported > 2000 mg/kg
Eyes	Mild irritant, but not classified as irritating
Skin	No measured irritancy
Sensitiser	None of the components are considered to be sensitisers
Inhalation	Inhalation of vapours, spray or aerosol not considered hazardous
Long-term toxicity	None of the components are listed as CMR*

(*Carcinogenic, mutagenic or reproductive toxin)

12. Ecological Information

Not classified as dangerous to aquatic organisms

The preparation has not been fully tested.



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13. Disposal Considerations

It is recommended to dispose of small quantities of this material (< 5 litres) by flushing with an excess of water to foul drainage. A dilution factor of > 10 is recommended. Larger quantities of waste should be treated as hazardous chemical waste in a manner that complies with local regulations and advice should be sought from local agencies.

The containers should be rinsed thoroughly with water and can be disposed of as non-hazardous waste.

Careful neutralisation may be possible. Follow supplier recommendations.

14. Transport Information

UN-Classification No:	1950
Classification code:	A
Proper shipping name:	AEROSOL, non flammable
Packing group:	-
IMDG (Sea):	Class 2, EmS F-D, S-U
ADR/RID (road, rail):	Class 2
IATA/DGR (air):	Class 2

15. Regulatory Information

Classification

Not classified as hazardous under international GHS criteria.

Not classified as hazardous in Australia according to the HSIS under NOHSC

16. Other Information

Check instructions for use before using. Only use as directed.

Ensure training is provided for using this product in first aid applications

Changes since last revision : Supplier section 1

Manufacturer:

Avesta Finishing Chemicals

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Malmo, Sweden

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