

**1. IDENTIFICATION OF PREPARATION AND COMPANY**

**Product identifier:** First Aid Spray  
**Trade name:** Avesta First Aid Spray 910  
**Application and use:** Rinsing of chemical splashes (hydrofluoric acid and fluorides in acid solution) in eyes and on skin.  
**Issue date/No:** 2010-02-24, 2  
**Manufacturer:** **Böhler Welding Group Nordic AB**  
 Avesta Finishing Chemicals  
 Lodgatan 14, 211 24 MALMÖ, Sweden  
 Telephone: +46 (0)40 288 300  
 E-mail: [safety@avestafinishing.com](mailto:safety@avestafinishing.com)  
**Emergency number:** +46-8-331 231

**2. HAZARDS IDENTIFICATION**

The product is not classified as hazardous according to current regulations.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Preparation**

Do not include any substances classified as hazardous or substances assigned Community workplace exposure limits.

**Additional information:**

Classification according to directive 67/548/EEC.

Symbols and risk phrases are for concentrated substances.

**4. FIRST AID MEASURES**

Product is not classified as dangerous. First Aid measures are not relevant when handled according to routines mentioned in section 7.

**Inhalation:**

-

**Skin contact:**

-

**Eye contact:**

-

**Ingestion:**

Rinse mouth and throat with water and give milk or water to drink.

**5. FIRE FIGHTING MEASURES**

**Danger of fire/explosion:**

Fluid is non-flammable. Bottles close to fire should be removed or cooled with water.

## Material Safety Data Sheet

## Avesta First Aid Spray 910

### Extinguishing media:

Use water spray to cool fire-exposed containers. Substance is non-flammable; use agent most appropriate to extinguish surrounding fire.

### Protective clothing for firemen:

Normal protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions:

See section 7 and 8.

### Environmental precautions (water, air, soil):

Prevent spillage from entering sewage or public waters.

### Spillage and decontamination:

Spillage should be flushed with water or picked up with absorbent material and disposed of in full compliance with federal, state and local regulations. See also section 13.

## 7. HANDLING AND STORAGE

### Handling

Avoid long and repeated exposure. Keep good hygiene when working with chemicals.

### Storage

#### Storage conditions:

Must be kept in its original package.

#### Specific use:

Contact manufacturer/supplier for more information.

## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

### Exposure limits:

-

### Personal protection equipment:

Not relevant.

### Environmental exposure controls:

See section 6 and 7.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical state (form, colour, smell) at 20°C:

Aerosol containing odourless and colourless aqueous liquid

### Properties are for aqueous liquid:

Boiling point: 100°C

### Flash point / Explosion properties:

Not applicable

### Specific temperatures:

Solid-fluid 0°C



## Material Safety Data Sheet

## Avesta First Aid Spray 910

**pH:**

7,4 at 20°C

**Density:**

1.047 g/cm<sup>3</sup> at 20°C

**Solubility in water at 20°C:**

Completely soluble.

### 10. STABILITY AND REACTIVITY

**Stability:**

Stable and non-reactive solution.

**Conditions to avoid:**

Not known.

**Materials to avoid:**

Not known.

**Hazardous decomposition products:**

None

### 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

**Acute oral toxicity in the rat:**

Classified as non toxic: DL50 orally in rats > 2000mg/kg  
(Test from CERB 1999, test number 990553ST)

**Local effects**

**Effects on the skin:**

Classified as non irritant to rabbit skin (Test from safepharm, grade 0.0, test number 133/7,24.09.87)

**Effects on the eyes:**

Classified as non irritant to rabbit eye. (Test from safepharm, grade 1.3, test number 133/8, 08.10.87)

**CMR-effects:**

Not known

### 12. ECOLOGICAL INFORMATION

**Mobility:**

Completely soluble in water.

**Persistence/degradability:**

No data

**Bio accumulative potential:**

The product is not regarded as bioaccumulative.

**Results of PBT assessment:**

See section 16.

## Material Safety Data Sheet

## Avesta First Aid Spray 910

**Other adverse effects:**

Not known

### 13. DISPOSAL CONSIDERATIONS

The product itself is not hazardous. Related waste can be hazardous, allotting of EWC-code should be made on the basis of the source causing the waste. Consult with your local authorized and licensed waste disposal agency and ministry of environment

For instructions and procedures for approved waste disposal.

### 14. TRANSPORT INFORMATION

**International regulations (UN)**

**UN-Classification No:**

1950

**Classification code:**

A

**Proper shipping name:**

AEROSOLS LTD QTY

**Packaging group:**

-

**IMDG (Sea):**

Class 2.2 EmS F-D, S-U

**ADR/RID (road, rail):**

Class 2

**IATA/DGR (air):**

Class 2

**Additional information:**

The product is to be transported according to dangerous goods regulations.

### 15. REGULATORY INFORMATION

**Hazard and safety information:**

According to handling of dangerous goods.

**Chemical Safety Assessment:**

Has not been carried out for this product (or substances in the preparation).

**Classification / Marking**

Product is not classified as hazardous according current regulation, neither does it contain a substance with Community Workplace Exposure Limit. Since it is an Aerosol dispenser the product should be marked as follows (75/324/EEC):

"Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50° C. Do not pierce or burn, even after use."

**Regulations:**

1907/2006/EC, KIFS 2005:5, 2005:7, 1998:8, 2007:3, AFS 2005:17, 2004:4

### 16. OTHER INFORMATION

**Training advice:**

The Avesta Finishing Chemicals "Handbook for the pickling and cleaning of stainless steel" and "Guidelines for Planning and Designing a Pickling Workshop".

**Recommended applications and restrictions:**

Use immediate in case of a splash due to an Avesta Pickling Product.

When handling pickling acids in larger volumes such as Avesta pickling bath, with risk of larger acid splashes, it is necessary to use Hexafluorine© (Packages of 500ml / 5 ltr).

**Basic information sources used to draw up the information cards:**

International Standard ISO 11014-11

**Changes made since last version:**

New layout and doc number

s. 3 – Concentration interval changed for nitric acid

s. 14 – Proper Shipping name and IMDG class