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**Revision date:** 2005-02-18  
**In accordance with:** ISO 11014-1 and 2001/58/EC  
**Document:** I001288 Ver.7

## 1. IDENTIFICATION OF PREPARATION AND COMPANY

**Product identifier:** Cleaning products for stainless steel  
**Manufacturer:** Avesta Welding AB, Finishing Chemicals  
 Lodgatan 14, 211 24 MALMÖ, Sweden  
 Telephone: +46 (0)226 82100  
**Application and use:** Cleaning of stainless steel.  
**Trade name:** Avesta OriginalFinish™ -Fingerprint Remover 420

### Emergency numbers

Australia	13112 (National) +61-2-98453594 (International)	Italy	+39-2-66101029 (Milan) +39-6-3054343 (Rome)
Canada	+1-613-996666 (Canutreck)	Spain	+34-91-5620420 (Madrid)
France	+33-1-40370404 (Paris) +33-4-72116911 (Lyon)	Sweden	020-996000 (National) +46-8-337043 (International)
Finland	+358-92-414392 (Helsinki)	UK	+44-1-132450530 (Leeds)
Germany	+49-89-19240 (Munich) +49-228-2873211 (Bonn)	USA	800-424-9300 (Chemtrack)

## 2. INFORMATION ON INGREDIENTS

### Preparation

**Chemical nature:** Alkaline light blue solution.

Hazardous components, chemical name, formula	CAS No.	EEC No.	Contents weight-%	Risk Code/ R-phrase*
Sodium Metasilicate•5H <sub>2</sub> O	10213-79-3	229-912-9	<0,2	C, R34-37
Nonionic tensides			<5	Xn, R22-41
2-propanol	67-63-0	200-661-7	<10	Xi, F, R11-36-67
Ammonia aqueous, NH <sub>3</sub>	1336-21-6	215-647-6	<5	C, N, R34-50

\*The full texts of the phrases are shown in section 16.

**Additional information:** Classification according to directive 67/548/EEG.

Symbols and risk phrases are for concentrated substances.

### 3. HAZARDS IDENTIFICATION

**Health hazard in case of accidental exposure (R-phrases):** R36 Irritating to eyes. Fumes can irritate respiratory system.

### 4. FIRST AID MEASURES

Measures to be taken immediately after the following ways of contact.

**Inhalation:** Fresh air and rest. Rinse nose and mouth with water.

**Ingestion:** Drink at once water. Seek medical advice.

**Skin contact:** Rinse immediately with plenty of water.

**Eye contact:** Rinse immediately and as long as possible with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Always seek medical advice (eye specialist).

### 5. FIRE FIGHTING MEASURES

**Danger of fire/explosion:** Non-known.

**Extinguishing media:** All media.

**Protective clothing for firemen:** Normal protective clothing.

**How to clean or destroy soiled fire equipment:** Thoroughly wash with water.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Avoid direct contact. For personal protection see section 8.

**Environmental precautions (water, air, soil):** Prevent spillage from entering sewage or public waters.

Methods for cleaning up: Collect as much as possible in a clean container for (preferable) reuse or disposal. Rinse remnant with plenty of water.

### 7. HANDLING AND STORAGE

#### Handling

**Technical measures:** Working place and methods should be worked out in order to avoid direct contact.

**To prevent fire and explosion:** Not relevant.

#### Storage

**Incompatible products:** Not applicable

**Storage conditions:** Keep containers securely closed when not in use and in an upright position. Store in areas where temperature remains between 0-30 °C at all times.

**Shelf life:** At least 2 years in unopened bottle correctly stored.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Engineering controls:** The usual precautionary measures for handling chemicals should be observed.

**Personal protective equipment**

**Eye protection:** Face shield.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Liquid, light blue with minor pungent smell.

**Boiling point:** 95°C

**Melting point:** -8°C

**Flash point / Explosion properties:** Not applicable

**pH:** 12,4 at 20°C

**Density:** 1.0 g/cm<sup>3</sup> ( 20 °C )

**Solubility in water at 20°C:** Completely miscible.

**Solubility in organic solvents:** Not applicable.

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Avoid high temperatures.

### 11. TOXICOLOGICAL INFORMATION

#### Local effects

**Effects on the skin:** Can be degreasing.

**Effects on the eyes:** Irritating.

**After ingestion:** Can cause irritation to mucous membranes.

**Upon inhalation:** Inhalation of fumes or mist might cause irritation.

### 12. ECOLOGICAL INFORMATION

#### Environmental effects

No data available.

**Degradability:** The product is regarded as easily biodegradable based on the chemical properties of the chemicals used.

**Bioaccumulation:** The product is not regarded as bioaccumulative.

### 13. DISPOSAL CONSIDERATIONS

#### Methods of removal

**Product:** According to local regulations. Contact the manufacturer about recycling.

**Contaminated packing:** Rinse with plenty of water and if possible reuse.

**Additional information:** For further advice contact manufacturer.

**14. TRANSPORT**