

Date of issue: 2003-03-18
Revision date: 2006-04-27
In accordance with: ISO 11014-1 and 2001/58/EC
Document: I001008 Ver.11

1. IDENTIFICATION OF PREPARATION AND COMPANY

Product identifier: Passivating product for stainless steel.
Manufacturer: Avesta Welding AB Finishing Chemicals
 Lodgatan 14, 211 24 MALMÖ, Sweden
 Telephone: +46 (0)226 82100
Application and use: Passivating of stainless steel, final rinse, smut removal.
Trade name: Avesta FinishOne™ Final Rinse 630

Emergency numbers

Australia	131126 (National) +61-2-98453111 (International)	Italy	+39-2-66101029 (Milan) +39-6-3054343 (Rome)
France	+33-1-40370404 (Paris) +33-4-72116911 (Lyon)	Spain	+34-91-5620420 (Madrid)
Finland	+358-(0)9-471977 (Helsinki)	Sweden	020-996000 (National) +46-8-331231 (International)
Germany	+49-89-19240 (Munich) +49-228-2873211 (Bonn)	UK	+44-1-132450530 (Leeds)
		USA	800-424-9300 (Chemtrack)

2. INFORMATION ON INGREDIENTS

Preparation

Chemical nature: Colourless, odourless liquid.

Hazardous components, chemical name, formula	CAS No.	EEC No.	Contents weight-%	Risk Code/ R-phrase*
Oxygen based passivator	7722-84-1	231-765-0	<5	O, C: R8, R34
Other components				
Stabilizers			Max 500mg/kg	
Complex-binders			Max 500mg/kg	
Demineralised water			>85%	

*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

The product is not classified as hazardous.

4. FIRST AID MEASURES

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

Inhalation: Not concerned.

Ingestion: Drink at once, milk or water. Do not cause vomiting. Seek medical care.

Skin contact: Rinse with plenty of water.

Eye contact: Rinse with plenty of water for at least 15 minutes. Thereafter seek medical care (eye specialist).

5. FIRE FIGHTING MEASURES

Extinguishing media: Water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid direct contact. Wear eye-protection.

Environmental precautions (water, air, soil): Rinse 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: Bottles close to fire should be removed or cooled with water.

Storage

Storage conditions: Keep containers securely closed when not in use and in an upright position. Store in a cool and dark area.

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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits: Limiting values for hydrogen peroxide: CLV 3 mg/m³ (8 hours), LLV 1,4 mg/m³ (15 min).

Personal protective equipment

Hand protection: Rubber-gloves.

Eye protection: Face shield.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

Odourless, colourless aqueous liquid.

Boiling point: 101°C

Flash point / Explosion properties: Not applicable

Specific temperatures:

Solid-fluid -3°C

Vapour pressure: 2,4kPa

pH: 6,5-7,5 at 20°C

Density: 1.0 g/cm³ at 20°C

Solubility in water at 20°C: Completely soluble.

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Decomposes to water and oxygen.

Conditions to avoid: Avoid high temperatures and UV-radiation.

Material to avoid: Metals, salts of metals, alkaline substances cause decomposition.

11. TOXICOLOGICAL INFORMATION

Local effects

Effects on the skin: Can give temporary and harmless skin-bleach.

Effects on the eyes: Can cause pain and irritation.

After ingestion: Can cause illness.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Methods of disposal

Waste from residues: If sufficiently diluted it may be acceptable to discharge to sewer and river.

Contaminated packing: Rinse with plenty of water.

Additional information: Consult with your local authorized and licensed waste disposal agency and ministry of environment for instructions and procedures for approved waste disposal.

14. TRANSPORT

No specific precautions.

15. REGULATORY INFORMATION

No specific regulations.

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: Only for use on stainless steel, not to be used on other metals.

Basic information sources used to draw up the information cards: Standard Practice for cleaning stainless steel (ASTM-A-380), International Standard ISO 11014-11, Commission Directive 2001/58/EC

The full texts of the R-phrases in section 2 are:

R 8: Contact with combustible material may cause fire.

R 34: Causes burns.

Changes made: