

GETINGE CLEAN

Material Safety Data Sheet

Rinse Aid

Intended use

A surfactant based rinse aid for use in washer disinfectors to ease drying and achieve spot free rinsing of medical devices. Suitable for use on stainless steel, ceramics, glass, plastics and resistant soft metal surfaces.

1. Identification of the substance/preparation and company

Name: Rinse Aid

Supplier:

Getinge Disinfection AB, Ljungadalsgatan 11

Box 1505, SE-351 15 Växjö, Sweden

Phone: +46 (0)10 335 98 00

Emergency number:

Europe: +44 (0) 1235 239 670

Australia: +61 2801 44558

USA: 001866 928 0789 (toll free)

Web: <http://www.getinge.com>

E-mail: info.disinfection@getinge.com

2. Hazards identification (Undiluted product)

CHIP classification: Irritant.

Eye hazard: Will cause irritation.

Skin hazard: Prolonged or repeated contact may cause irritation/dryness.

Respiratory hazard: Not a hazard in normal use.

Flammability hazard: Not combustible.

Other hazards:

3. Composition/information on ingredients

Material	CAS number	Level	Hazards (see section 16)
Nonionic Surfactant		5-15%	Xi R36/38
Anionic Surfactant		5-15%	Xi R38 R41

4. First aid measures

Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance immediately.

Skin contact: Remove contaminated clothing, wash skin with water and seek medical attention if irritation persists.

Inhalation: If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.

Ingestion: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

5. Fire fighting measures

Not applicable.

6. Accidental release measures

Absorb using sand or other inert material and transfer to suitable containers for disposal.

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7. Handling and storage

Store in a cool, dry place protected from frost and away from alkalis and strong oxidizing agents.
Store upright in original containers. Optimum storage temperature 5-25°C

Directions for use: Dose range 0.2-1.0 ml/lit in final rinse water.
Temperature range: >50°C
Do not use on polycarbonate material.
Check polysulphone (PSU, PPSU) and similar materials for compatibility before use.
Do not mix with other chemicals.

Shelf life: 18 months in original sealed containers.

8. Exposure controls/personal protection

These measures are suggested on the basis of general use methods and may not be appropriate to all potential uses of the product. The user is responsible for carrying out a full risk assessment of their specific processes and systems of work.

Eye protection: Wear chemical splash goggles to EN 166 34B.

Hand protection: Wear pvc or latex gloves. Exact choice of glove depends on specific risk assessments.

Body protection: As necessary to prevent contact.

Respiratory protection: Use in a well ventilated area, avoid breathing spray mist, wear a protective mask to EN149 if necessary.

Other protection:

Personal protective equipment:



Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.

Occupational exposure limits
None Set

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9. Physical and chemical properties

Appearance:	Clear colourless liquid
Odour:	Characteristic
pH as supplied (typical):	2,2
pH at 0.5% in water (typical):	6,2
Boiling point:	>100°C
Melting point:	Not applicable
Flash point:	Not applicable
Auto-ignition temperature:	Not applicable
Explosive properties:	None
Oxidising properties:	None
Vapour pressure:	No data
Relative density at 20° C:	1,008
Solubility:	Miscible with water.
Viscosity:	<30 cps

10. Stability and reactivity

Conditions to avoid:	Extremes of temperature.
Materials to avoid:	Incompatible with strong oxidising agents and alkalis.
Hazardous decomposition products:	None known.

11. Toxicological information

Eye contact:	Will cause irritation.
Skin contact:	Prolonged or repeated contact may cause irritation/dryness.
Inhalation:	Not a hazard in normal use. Breathing spray mist may cause irritation.
Ingestion:	Calculated acute toxicity (Oral LD50) >20000mg/kg. Will cause irritation to gastro-intestinal tract.
Long term:	Based on current knowledge, no long term effects are anticipated if used correctly.

12. Ecological information

The surfactant(s) contained in this preparation comply with the biodegradability criteria as laid down in regulation (EC) No.648/2004 on detergents.

13. Disposal considerations

Disposal of unwanted product should be done in accordance with local, state or national legislation. Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.

14. Transport information

Transport Classification: Not Classified
UN Number: Not Classified
Transport Class: Not Classified
Packing Group: Not Classified

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15. Regulatory information

CHIP Classification: Irritant



Irritant

Product risk and safety phrases

- R36 Irritating to eyes.
S25 Avoid contact with eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S2 Keep out of reach of children.

Contents according to (EC) regulation No.648/2004 on detergents:

Nonionic surfactants 5-15% Anionic surfactants 5-15% Preservative

Data prepared in accordance with EU regulation 1907/2006.

16. Other information

R phrases relating to ingredients (see section 2)

R36/38 Irritating to eyes and skin.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

This product should be stored, handled and used in accordance with good industrial practice and in conformity with legal regulations. The information in this data sheet is based on the present state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties. It is for users to satisfy themselves of the suitability of this product for their own applications.

Always consult and follow recommendations for reprocessing of medical device according to the manufactures guidelines in accordance with EN ISO 17664.