

---

# Getinge Clean Rinse Aid

According to Regulation (EC) No. 1907/2006

## Safety Data Sheet

**GETINGE**  
GETINGE GROUP

6001643302\_MSDS\_Rinse\_Aid\_XV1479\_EN\_Rev\_A

---

### SECTION 1: Identification of the Substance/Mixture and on the Company/Undertaking



---

- 1.1 Product Identifier
- |              |                         |
|--------------|-------------------------|
| Product code | XV1479                  |
| Trade name   | Getinge Clean Rinse Aid |
- 1.2 Product Uses
- A rinse aid for use in washer disinfectors for medical devices.
- 1.3 Supplier
- Details of the supplier of the Safety Data Sheet.
- Supplier:
- Getinge Disinfection AB, Ljungadalsgatan 11, Box 1505, SE-351 15 Växjö, Sweden
- Phone: +46 (0)10 335 98 00
- Web: [www.getinge.com](http://www.getinge.com)
- E-mail: [info@getinge.com](mailto:info@getinge.com)
- Supplier New Zealand:
- Getinge Australia (NZ Branch)
- Unit 4, 10 Cryers Road
- East Tamaki, Auckland
- Botany 2163
- New Zealand
- Phone: +64 9 272 903 93
- 1.4 Emergency telephone number
- For emergency event of spillage, inhalation or ingestion of products, please contact the emergency hotline:
- EU: +44 (0) 1235 23 96 70
- Australia: +61 280 144 558
- Japan: +81 345 789 341
- China: +86 105 100 30 39
- Middle East: +44 (0) 123 523 96 71
- New Zealand: +64 992 914 83

---

 SECTION 2: Hazards Identification (Undiluted product)
 

---

2.1	Classification of the mixture	
2.1.1	According to 1272/2008	Health Hazards: Eye Dam. 1, Skin Irrit. 2 Physical Hazards: Not Classified Environmental Hazards: Aquatic Chronic 3
2.1.2	According to 1999/45/EC	Classification according to directive 1999/45/EC: Irritant
2.2	Label elements	
2.2.1	According to 1272/2008	<p>Danger </p> <p>H318 – Causes serious eye damage.</p> <p>EUH208 - Contains 5-chloro-2-methylisothiazol-3(2H)-one and 2-methylisothiazol-3(2H)-one. May produce an allergic reaction.</p> <p>H315 – Causes skin irritation.</p> <p>H412 – Harmful to aquatic life with long lasting effects.</p> <p>P280 – Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P305+P351+P338+P313 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/ attention.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P405 Store locked up.</p>
2.2.2	According to 1999/45/EC	<p></p> <p>R36 – Irritating to eyes.</p> <p>S25 – Avoid contact with eyes.</p> <p>S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S2 – Keep out of reach of children.</p>
2.3	Other Hazards	None identified

---

## SECTION 3: Composition/Information on Ingredients

---

3.1

Material	CAS number	Level	Hazards (see section 16)
Nonionic Surfactant	131594-92-8	5–15 %	Aquatic Acute 1, Aquatic Chronic 2, Skin Irrit. 2 H315 H400 H411
Anionic Surfactant	Mixture	1–5 %	Eye Dam. 1, Skin Irrit. 2 H315 H318
Citric acid	5949-29-1	1–5 %	Eye Irrit. 2 H319

---

## SECTION 4: First Aid Measures

---

4.1 Description of 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 soap and 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.

First aider PPE: As required to prevent contact. See section 8.2.

4.2 Most important symptoms and effects, both acute and delayed

Eye hazard: Will cause severe irritation and damage.

Skin hazard: Will cause irritation.

Respiratory hazard: Not a hazard in normal use.

Other hazards:

4.3	Indication of any immediate medical attention and special treatment needed	No special treatment or attention required additional to section 4.2.
-----	--	---

---

## SECTION 5: Fire Fighting Measures

---

Flammability hazard: Not combustible.

5.1	Extinguishing media	No special requirements. Use extinguishing media appropriate for primary source of fire.
-----	---------------------	--

5.2	Special hazards arising from the substance or mixture	No specific hazards arising from the mixture.
-----	---	---

5.3	Advice for firefighters:	No special measures arising from the mixture.
-----	--------------------------	---

---

## SECTION 6: Accidental Release Measures

---

6.1	Personal precautions, protective equipment and emergency procedures	Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8. Spillage may make floors slippery. Keep the area clear. Observe regulations.
6.2	Environmental precautions	Prevent spills from entering water courses.
6.3	Methods and material for containment and cleaning up	Small quantities, mop up or use an inert absorbent. Large quantities, contain and absorb or pump into suitable containers for disposal.
6.4	Reference to other sections	Observe the advice given in sections 8 and 13.

---

## SECTION 7: Handling and Storage



---

	Shelf life:	24 months in original sealed containers.
7.1	Precautions for safe handling	Do not mix with other products. Observe good industrial hygiene.
7.2	Conditions for safe storage, including any incompatibilities	Store in a cool, dry place protected from frost and away from alkalis and strong oxidising agents. Store upright in original containers. Recommended storage temperature 5–25 °C.
7.3	Product Uses	Dose level 0.2–1.0 ml/lit in final rinse. Do not use on polycarbonate. Check polysulphone (PSU, PPSU) and similar materials for compatibility before use. Do not mix with other products.

---

## SECTION 8: Exposure Control and Personal Protection

---

8.1	Control parameters	Workplace exposure limits None set
8.2	Exposure controls	<p>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.</p> <p>Eye protection: Wear eye protection appropriate to the process according to BS EN 166.</p> <p>Hand protection: Wear pvc or latex gloves. Exact choice of glove depends on specific risk assessments.</p> <p>Body protection: As necessary to prevent contact.</p> <p>Respiratory protection: Use in a well ventilated area, avoid breathing spray mist, wear a protective mask according to EN149, if necessary.</p> <p>Other protection: Personal protective equipment:</p> <div style="display: flex; justify-content: center; gap: 10px;">   </div> <p>Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.</p> <p>Environmental protection: Prevent mixture from entering water courses.</p>

---

## SECTION 9: Physical and Chemical Properties

---

9.1	Information on basic physical and chemical properties	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Appearance:</td> <td colspan="2" style="padding: 5px;">Clear pale yellow liquid</td> </tr> <tr> <td style="padding: 5px;">Odour:</td> <td colspan="2" style="padding: 5px;">Characteristic</td> </tr> <tr> <td style="padding: 5px;">pH:</td> <td colspan="2" style="padding: 5px;">2.2 as supplied (typical) 6.5–7.5 at 1 ml/l (typical)</td> </tr> <tr> <td style="padding: 5px;">Initial boiling point:</td> <td style="padding: 5px;">&gt; 100 °C</td> <td style="padding: 5px;">Flash point: N/A</td> </tr> <tr> <td style="padding: 5px;">Auto-ignition temperature:</td> <td style="padding: 5px;">N/A</td> <td style="padding: 5px;">Viscosity: 6.9 cSt</td> </tr> <tr> <td style="padding: 5px;">Explosive properties:</td> <td colspan="2" style="padding: 5px;">None</td> </tr> <tr> <td style="padding: 5px;">Oxidising properties:</td> <td colspan="2" style="padding: 5px;">None</td> </tr> <tr> <td style="padding: 5px;">Vapour pressure:</td> <td colspan="2" style="padding: 5px;">No data</td> </tr> <tr> <td style="padding: 5px;">Solubility:</td> <td colspan="2" style="padding: 5px;">Miscible with water</td> </tr> <tr> <td style="padding: 5px;">Relative density at 20° C:</td> <td colspan="2" style="padding: 5px;">1.008 (typical)</td> </tr> </table>	Appearance:	Clear pale yellow liquid		Odour:	Characteristic		pH:	2.2 as supplied (typical) 6.5–7.5 at 1 ml/l (typical)		Initial boiling point:	> 100 °C	Flash point: N/A	Auto-ignition temperature:	N/A	Viscosity: 6.9 cSt	Explosive properties:	None		Oxidising properties:	None		Vapour pressure:	No data		Solubility:	Miscible with water		Relative density at 20° C:	1.008 (typical)	
Appearance:	Clear pale yellow liquid																															
Odour:	Characteristic																															
pH:	2.2 as supplied (typical) 6.5–7.5 at 1 ml/l (typical)																															
Initial boiling point:	> 100 °C	Flash point: N/A																														
Auto-ignition temperature:	N/A	Viscosity: 6.9 cSt																														
Explosive properties:	None																															
Oxidising properties:	None																															
Vapour pressure:	No data																															
Solubility:	Miscible with water																															
Relative density at 20° C:	1.008 (typical)																															
9.2	Other information																															

---

## SECTION 10: Stability and Reactivity

---

10.1	Reactivity	Incompatible with strong oxidising agents and alkalis.
10.2	Chemical stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	No hazardous reactions are expected to occur.
10.4	Conditions to avoid	Extreme temperatures.
10.5	Incompatible materials	Incompatible with strong oxidising agents and acids.
10.6	Hazardous decomposition products	None known.

---

## SECTION 11: Toxicological Information

---

11.1	Information on toxicological effects	
	Acute toxicity:	Does not contain any ingredients classified as acutely toxic.
	Skin corrosion/irritation:	Product is classified as Skin Irrit 2. See section 2.
	Serious eye damage/irritation:	Product is classified as Eye Dam 1. See section 2.

Respiratory or skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity:	Does not contain any ingredients classified as mutagenic.
Carcinogenicity:	Does not contain any ingredients classified as carcinogenic.
Reproductive toxicity:	Does not contain any ingredients classified as toxic for reproduction.
STOT single exposure:	Does not contain any ingredients classified as STOT SE.
STOT repeated exposure:	Does not contain any ingredients classified as STOT RE.
Aspiration toxicity:	Does not contain any ingredients classified as Asp Tox.
Routes of exposure/ symptoms	
Eye contact:	Will cause severe irritation and damage.
Skin contact:	Will cause irritation.
Inhalation:	Not a hazard in normal use. Breathing spray mist may cause irritation.
Ingestion:	Calculated acute toxicity (Oral) >20 000 mg/kg. Will cause irritation to gastro-intestinal tract.



---

## SECTION 12: Ecological Information

---

12.1	Toxicity	Classified as harmful to aquatic life with long lasting effects. Can affect aquatic organisms if released into water courses untreated.
12.2	Persistence and degradability	All organic ingredients are biodegradable when well diluted.
12.3	Bioaccumulative potential	Not expected to bioaccumulate.
12.4	Mobility in soil	This product has high water solubility.
12.5	Results of PBT and vPvB assessment	Contains no ingredients classified as PBT or vPvB.
12.6	Other adverse effects	No other adverse effects are anticipated.

---

## SECTION 13: Disposal Considerations

---

13.1	Waste Treatment Methods	<p>Process effluent can normally be discharged to foul sewer (subject to consent limits).</p> <p>Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.</p> <p>Dispose of surplus product and packaging via a licenced chemical waste contractor.</p>
------	-------------------------	--

---

SECTION 14: Transport Information

---

14.1	UN Number:	Not classified. Tariff/TARIC 3402 90 90
14.2	UN Proper Shipping Name:	N/A
14.3	Transport Hazard Class(es):	N/A
14.4	Packing Group:	N/A
14.5	Environmental hazards:	Not classified as environmentally hazardous for transport.
14.6	Special precautions for user	No specific precautions.
14.7	Transport in bulk according to Annex II of MARPOL 7 3/78 and the IBC Code	Not available for bulk transport.

---

## SECTION 15: Regulatory Information

---

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Contents according to (EC) regulation No. 648/2004 on detergents:          Nonionic surfactants: 5–15 %          Anionic surfactants: &lt; 5 %</p> <p>Preservative</p> <p>The surfactant(s) contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No. 648/2004 on detergents.</p> <p>Data to support this assertion are held at the disposal of the competent authorities of the member states and will be made available to them at their direct request.</p>
15.2	Chemical Safety Assessment	A chemical safety assessment has not been carried out.

---

## SECTION 16: Other Information

---

Hazard statements relating to ingredients (see section 3):	<p>H315 – Causes skin irritation</p> <p>H400 – Very toxic to aquatic life</p> <p>H411 – Toxic to aquatic life with long lasting effects</p> <p>H315 – Causes skin irritation</p> <p>H318 – Causes serious eye damage</p> <p>H319 – Causes serious eye irritation</p>
--	--

---

Date of issue:  
12 August 2014

Issue number:  
1

Date of printing:  
11 September 2014

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.

6001643302\_MSDS\_Rinse\_Aid\_XV1479\_EN\_Rev\_A

---

**GETINGE**  
GETINGE GROUP

Getinge Infection Control AB  
P O Box 69, SE-305 05 Getinge, Sweden  
Phone: +46 10 335 00 00  
info@getinge.com  
www.getinge.com

---

**GETINGE GROUP**

Getinge Group is a leading global provider of products and systems that contribute to quality enhancement and cost efficiency within healthcare and life sciences. We operate under the three brands of ArjoHuntleigh, Getinge and Maquet. ArjoHuntleigh focuses on patient mobility and wound management solutions. Getinge provides solutions for infection control within healthcare and contamination prevention within life sciences. Maquet specializes in solutions, therapies and products for surgical interventions, interventional cardiology and intensive care.

---