
Getinge Clean
Instrument Lubricant Plus
Safety Data Sheet



According to: Regulation (EC) No.1907/2006

SECTION 1: Identification of the substance/mixture and company

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|-----|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.1 | Product Identifier | Product code: XV1593
Name: Getinge Clean Instrument Lubricant Plus |
| 1.2 | Product Uses | A water based, silicone and mineral oil free lubricant for application after cleaning to lubricate joints and moving parts of instruments. |
| 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
E-mail: info@getinge.com

Supplier New Zealand:
Getinge Australia (NZ Branch)
Unit 4, 10 Cryers Road
East Tamaki, Auckland
Botany 2163
New Zealand
Phone: +64 927 290 393 |
| 1.4 | Emergency telephone number | For emergency event of spillage, inhalation or ingestion of products, please contact the emergency hotline:
EU: +44 (0) 123 523 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

2.1 Classification of the mixture According to 1272/2008
Health Hazards: Eye Irrit. 2
Physical Hazards: Not Classified
Environmental Hazards: Not Classified

2.2 Label elements According to 1272/2008
Warning



H319 Causes serious eye irritation.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P405 Store locked up.

2.3 Other Hazards

SECTION 3: Composition/information on ingredients

Material	CAS number	Level	Hazards (see section 16)
Nonionic surfactant	131594-92-8	0–1%	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
Nonionic surfactant	2605-79-0	1–5%	Eye Dam. 1, Skin Irrit. 2 H315, H318

SECTION 4: First aid measures

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| 4.1 | Description of first aid measures | <p>Eye contact: Immediately flush eyes with water, holding eyelids apart, for at least 10 minutes. Seek medical assistance if irritation persists.</p> <p>Skin contact: Remove contaminated clothing, wash skin with water and seek medical attention if irritation persists.</p> <p>Inhalation: If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.</p> <p>Ingestion: Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.</p> <p>First aider PPE: As required to prevent contact. See section 8.2.</p> |
| 4.2 | Most important symptoms and effects, both acute and delayed | <p>Eye hazard: Will cause severe irritation.</p> <p>Skin hazard: Prolonged or repeated contact may cause irritation/dryness.</p> <p>Respiratory hazard: Not a hazard in normal use. Breathing spray mist may cause irritation.</p> <p>Other hazards:</p> |
| 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

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| | | Flammability hazard: Not combustible. |
| 5.1 | Extinguishing media | No special requirements. As appropriate for the fire. |
| 5.2 | Special hazards arising from the 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, flush to foul sewer with a large quantity of water. 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 acids and strong oxidising agents. Store upright in original containers. Recommended storage temperature 5–25 °C.
7.3	Product Uses	Manual process: In a suitable container, mix 20-40ml/L in clean potable water, preferably deionized, RO or distilled at <25°C. Open instrument joints and place into basket. Submerge instruments in the solution for 30 seconds. Remove instruments from solution and allow to drain and dry prior to sterilization. The solution must be discarded daily or after each shift or if it becomes visibly contaminated. Automated process: Dose 1–2ml/L of Lubricant in final rinse water, preferably deionized or RO. Do not mix with other chemicals.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters Workplace exposure limits
None set in UK EH40
- 8.2 Exposure controls 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 eye protection appropriate to the process according to BS EN 166.
- 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: 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.

Environmental protection: Prevent mixture from entering water courses.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- Appearance: Clear colourless liquid
- Odour: Characteristic
- pH (typical): At 2ml/l: 8.0
- Initial boiling point: Not applicable.
- Auto-ignition temp: Not applicable.
- Explosive properties: None known.
- Oxidising properties: None known.
- Vapour pressure: 17.5mm Hg at 20 °C.
- Solubility: Miscible with water.
- Relative density at 20 °C (typical): 1.004
- Flash point: Not applicable.
- Viscosity (typical): 4.2 cSt
- 9.2 Other information

SECTION 10: Stability and reactivity

10.1	Reactivity	Incompatible with strong oxidising agents and acids.
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	Extremes of temperature.
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	<p>Acute toxicity: Based on available data, the classification criteria are not met.</p> <p>Skin corrosion/ irritation: Contains ingredients classified as Skin Irrit. Section 3. Mixture is not classified as Skin Irrit.</p> <p>Serious eye damage/ irritation: Product is classified as Eye Irritant 2. See section 2.</p> <p>Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.</p> <p>Germ cell mutagenicity: Does not contain any ingredients classified as mutagenic.</p> <p>Carcinogenicity: Does not contain any ingredients classified as carcinogenic.</p> <p>Reproductive toxicity: Does not contain any ingredients classified as toxic for reproduction.</p> <p>STOT single exposure: Does not contain any ingredients classified as STOT SE.</p> <p>STOT repeated exposure: Does not contain any ingredients classified as STOT RE.</p> <p>Aspiration toxicity: Does not contain any ingredients classified as Asp Tox.</p>
	Routes of exposure/ symptoms	<p>Eye contact: Will cause severe irritation.</p> <p>Skin contact: Prolonged or repeated contact may cause irritation/dryness.</p> <p>Inhalation: Not a hazard in normal use. Breathing spray mist may cause irritation.</p> <p>Ingestion: Moderate toxicity, will cause irritation to gastro-intestinal tract.</p>

SECTION 12: Ecological information

12.1	Toxicity	Not classified as dangerous for the environment/ aquatic toxicant May 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	Process effluent can normally be discharged to foul sewer (subject to consent limits). Dispose of surplus product and packaging via a licenced chemical waste contractor. Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.
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SECTION 14: Transport information

14.1	UN number	Not classified. Tariff/TARIC 3403 99 90
14.2	UN proper shipping name	Na
14.3	Transport hazard class(es)	Na
14.4	Packing group	Na
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	Contents according to (EC) regulation No.648/2004 on detergents: Nonionic surfactants 5–15% Anionic surfactants <5% Preservative The surfactant(s) contained in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No 648/2004 on detergents. 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.
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)
H315 Causes skin irritation
H400 Very toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects
H318 Causes serious eye damage

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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

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