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Getinge Clean  
Heavy Soil Detergent  
Safety Data Sheet



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

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SECTION 1: Identification of the substance/mixture and company

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| 1.1 | Product identifier         | Product code: XV1534<br>Name: Getinge Clean Heavy Soil Detergent  |
| 1.2 | Product uses               | A high alkaline detergent for use in washer disinfectors for the removal of heavy surgical soils from medical devices. Suitable for use on alkali resistant surfaces such as stainless steel, ceramics, glass and resistant plastics.   |
| 1.3 | Supplier                   | Details of the supplier of the Safety Data Sheet.<br><br>Supplier:<br>Getinge Disinfection AB<br>Ljungadalsgatan 11, Box 1505<br>SE-351 15 Växjö, Sweden<br>Phone: +46 (0)10 335 98 00<br>Web: www.getinge.com<br>E-mail: info@getinge.com<br><br>Supplier New Zealand:<br>Getinge Australia (NZ Branch)<br>Unit 4, 10 Cryers Road<br>East Tamaki, Auckland<br>Botany 2163<br>New Zealand<br>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:<br>EU: +44 (0) 123 523 96 70<br>Australia: +61 280 144 558<br>Japan: +81 345 789 341<br>China: +86 105 100 30 39<br>Middle East: +44 (0) 123 523 96 71<br>New Zealand: +64 992 914 83   |

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## SECTION 2: Hazards identification (undiluted product)

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2.1 Classification of the mixture      According to 1272/2008  
Health Hazards: Eye Dam. 1, Skin Corr. 1A  
Physical Hazards: Met. Corr. 1  
Environmental Hazards: Not Classified

2.2 Label elements      According to 1272/2008  
Danger



H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H290 May be corrosive to metals.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353 + P313 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention.

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.

P405 Store locked up.

P390 Absorb spillage to prevent material damage.

2.3 Other Hazards      Strongly alkaline product, use with caution.

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## SECTION 3: Composition/information on ingredients

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Material	CAS number	Level	Hazards (see section 16)
Potassium Hydroxide	1310-58-3	10–25%	Acute Tox. 4, Met. Corr. 1, Skin Corr. 1A    H290 H302 H314

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## 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 immediately.</p> <p>Skin contact: Remove contaminated clothing, wash skin with water and seek medical attention immediately.</p> <p>Inhalation: Not a hazard in normal use. If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.</p> <p>Ingestion: Rinse mouth with water. 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: Causes severe burns.</p> <p>Skin hazard: Causes severe burns.</p> <p>Respiratory hazard: Not a hazard in normal use.</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.

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## SECTION 5: Fire fighting measures

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		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 mixture	No specific hazards arising from the mixture.
5.3	Advice for firefighters	No special measures arising from the mixture.

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## SECTION 6: Accidental release measures

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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.

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## SECTION 7: Handling and storage


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		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	Dose level 3–8 ml/lit. Cleaning temperature 50–80 °C. Do not use on aluminium or polycarbonate. Check other materials for compatibility before use. Ensure complete rinsing. Do not mix with other products.

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## SECTION 8: Exposure controls/personal protection

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- 8.1 Control parameters Workplace exposure limits  
Potassium Hydroxide 2 mg/m<sup>3</sup>, WEL 15 min STEL (EH40 UK)
- 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 a full face visor to BS EN 166 39B  
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:
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- 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.
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## SECTION 9: Physical and chemical properties

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- 9.1 Information on basic physical and chemical properties Appearance: Pale yellow liquid.  
Odour: Characteristic.  
pH: 13.5 as supplied (typical).  
pH 12.6 at 5ml/l (typical)  
Initial boiling point: >100 °C, Flash point: N/A  
Auto-ignition temperature: N/A, Viscosity: 8.4 cSt  
Explosive properties: N/A  
Oxidising properties: N/A  
Vapour pressure: N/A  
Solubility: Miscible with water  
Relative density at 20 °C: 1.3 (typical)
- 9.2 Other information

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## SECTION 10: Stability and reactivity

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10.1	Reactivity	Incompatible with oxidising agents, acids and alkali sensitive materials such as aluminium and polycarbonates.
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 oxidising agents, acids and alkali sensitive materials such as aluminium and polycarbonates.
10.6	Hazardous decomposition products	None known.

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## SECTION 11: Toxicological information

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11.1	Information on toxicological effects	<p>Acute toxicity: Based on available data, the classification criteria are not met.</p> <p>Skin corrosion/irritation: Product is classified as a Skin Corr.1A. See section 2.</p> <p>Serious eye damage/irritation: Product is classified as a Eye Dam. 1. See section 2.</p> <p>Respiratory or skin sensitisation: Does not contain any ingredients classified as sensitising.</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: May cause permanent damage.</p> <p>Skin contact: Causes severe burns.</p> <p>Inhalation: Breathing spray mist will cause irritation. Not a hazard in normal use.</p> <p>Ingestion: Calculated acute toxicity (Oral) &gt;2400mg/kg. Will cause irritation and damage to gastro-intestinal tract due to alkalinity.</p>

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## SECTION 12: Ecological information

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12.1	Toxicity	Not classified as dangerous for the environment. May affect aquatic organisms due to high pH if released into water courses untreated.
12.2	Persistence and degradability	All organic ingredients are biodegradable when well diluted. Surfactants used comply with biodegradation criteria, see section 15.1.
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.

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## SECTION 13: Disposal considerations

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13.1	Waste treatment methods	Process effluent can normally be discharged to foul sewer (subject to consent limits). Surplus product should be disposed of via a licensed 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

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14.1	UN number	3266 Tariff/TARIC 3402 90 90
14.2	UN proper shipping name	Corrosive liquid, basic, inorganic N.O.S.
14.3	Transport hazard class(es)	8
14.4	Packing group	2
14.5	Environmental hazards	Not classified as environmentally hazardous.
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.

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## SECTION 15: Regulatory information

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15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	Contents according to (EC) regulation No. 648/2004 on detergents: Amphoteric surfactant <5% 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.

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## SECTION 16: Other information

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Hazard statements relating to ingredients (see section 3).  
H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H314 Causes severe skin burns and eye damage.









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