Getinge Clean
Heavy Soil Detergent
Safety Data Sheet

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

SECTION 1: Identification of the substance/mixture and company

1.1  Product identifier
     Product code: XV1534
     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.
     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 (undiluted product)

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.

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Material</th>
<th>CAS number</th>
<th>Level</th>
<th>Hazards (see section 16)</th>
</tr>
</thead>
</table>
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 water and seek medical attention immediately.

Inhalation: Not a hazard in normal use. If irritation occurs, remove to fresh air, keep warm and at rest, seek medical attention immediately.

Ingestion: Rinse mouth with water. 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: Causes severe burns.
Skin hazard: Causes severe burns.
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

5.1 Extinguishing media

Flammability hazard: Not combustible.

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.
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

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/lt. 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.
SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits
Potassium Hydroxide 2 mg/m³, 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:

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: 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
SECTION 10: Stability and reactivity

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 Possibilty 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.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Acute toxicity: Based on available data, the classification criteria are not met.
Skin corrosion/irritation: Product is classified as a Skin Corr.1A. See section 2.
Serious eye damage/irritation: Product is classified as a Eye Dam. 1. See section 2.
Respiratory or skin sensitisation: Does not contain any ingredients classified as sensitising.
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: May cause permanent damage.
Skin contact: Causes severe burns.
Inhalation: Breathing spray mist will cause irritation. Not a hazard in normal use.
Ingestion: Calculated actute toxicity (Oral) >2400mg/kg. Will cause irritation and damage to gastro-intestinal tract due to alkalinity.
SECTION 12: Ecological information

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.

SECTION 13: Disposal considerations

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.
SECTION 14: Transport information

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.

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:
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.

SECTION 16: Other information

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.
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 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.