
Getinge Clean Universal Detergent

According to Regulation (EC) No. 1907/2006
Safety Data Sheet

GETINGE
GETINGE GROUP

6001643202_MSDS_Universal_Detergent_XV1610_EN_Rewa

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

1.1	Product Identifier	
	Product code	XV1610
	Trade name	Getinge Clean Universal Detergent
1.2	Product Uses	A mild alkaline, enzymatic detergent for use to clean alkali resistant medical devices in a washer disinfectant. To be used in ultrasonic bath and at manual cleaning.
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: Not Classified. Physical Hazards: Not Classified. Environmental Hazards: Not Classified.
2.2	Label elements	According to 1272/2008 EUH208 - Contains enzyme (subtilisins). May produce an allergic reaction. P262 - Do not get in eyes, on skin, or on clothing. P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P302+P352 - IF ON SKIN: Wash with plenty of water. P405 - Store locked up.
2.3	Other Hazards	None identified

SECTION 3: Composition/Information on Ingredients

3.1

Material	CAS number	Level	Hazards (see section 16)
Subtilisins	9014-01-1	0–1 %	Acute Tox. 4, Aquatic Acute 1, Eye Dam. 1, Resp Sens. 1, STOT SE 3 Skin Irrit. 2 H315 H318 H302 H335 H334 H400
Lipase	9001-62-1	<0.1 %	Resp Sens. 1 H334
Amylase	9000-90-2	<0.1 %	Eye Dam. 1, Resp Sens. 1, Skin Irrit. 2 H315 H318 H334

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 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 irritation.
	Skin hazard:	Prolonged or repeated contact may cause irritation/dryness.
	Respiratory hazard:	Not a hazard in normal use. Breathing spray mist may cause irritation/ allergic reaction.
	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	<p>Take precautions to avoid contact. Use Personal Protective Equipment as detailed in section 8.</p> <p>Spillage may make floors slippery.</p> <p>Keep the area clear.</p> <p>Observe regulations.</p>
6.2	Environmental precautions	Prevent spills from entering water courses.
6.3	Methods and material for containment and cleaning up	<p>Small quantities, mop up or use an inert absorbent.</p> <p>Large quantities, contain and absorb or pump into suitable containers for disposal.</p>
6.4	Reference to other sections	Observe the advice given in sections 8 and 13.

SECTION 7: Handling and Storage

	Shelf life:	18 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, strong oxidising agents and sources of ignition. Store upright in original containers. Recommended storage temperature 5–25 °C.
7.3	Product Uses	<p>Dose level 2–10 ml/lt. Cleaning temperature (machine) 50–60 °C. Manual/ultrasonic and for delicate equipment 40–50 °C.</p> <p>Do not use on polycarbonate. Check aluminium and other materials for compatibility before use.</p> <p>Ensure complete rinsing.</p> <p>Do not mix with other products.</p>

SECTION 8: Exposure Control and Personal Protection

8.1 Control parameters

Workplace exposure limits
Subtilisins 0.04 µg/m³ WEL 8 hour TWA (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 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: Use in a well ventilated area, avoid breathing spray mist, wear a protective mask according 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 pale yellow liquid	
Odour:	Characteristic	
pH:	11.0 as supplied (typical) 9.3 at 5 ml/l (typical)	
Initial boiling point:	>100 °C	Flash point: N/A
Auto-ignition temperature:	N/A	Viscosity: 4.6 cSt
Explosive properties:	None	
Oxidising properties:	None	
Vapour pressure:	No data	
Solubility:	Miscible with water	
Relative density at 20° C:	1.097 (typical)	

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	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:	Based on available data, the classification criteria are not met.
	Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
	Serious eye damage/irritation:	Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation:	Contains low level of sensitising material (see section 3), mixture is not 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:	Based on available data, the classification criteria are not met.
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 irritation.
Skin contact:	Prolonged or repeated contact may cause irritation/dryness.
Inhalation:	Not a hazard in normal use. Breathing spray mist may cause irritation/ allergic reaction.
Ingestion:	Calculated acute toxicity (Oral) >20000 mg/kg. Will cause irritation to gastro-intestinal tract.

SECTION 12: Ecological Information

12.1	Toxicity	Not classified as dangerous for the environment.
12.2	Persistence and degradability	All organic ingredients are biodegradable when well diluted. Surfactants used meet biodegradability criteria, see section 15.
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>
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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:	This product is 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	<p>Contents according to (EC) regulation No. 648/2004 on detergents:</p> <p>Amphoteric surfactants: <5 % Enzymes</p> <p>Anionic surfactants: <5 % Preservative</p> <p>Nonionic surfactants <5 %</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>H335 - May cause respiratory irritation.</p> <p>H318 - Causes serious eye damage.</p> <p>H302 - Harmful if swallowed.</p> <p>H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.</p> <p>H400 - Very toxic to aquatic life.</p>
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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.

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