

Getinge Clean

Chamber Foam

SECTION 1: Identification of the substance/mixture and company

1.1 Product identifier

Product code: XV1661
Name: Getinge Clean Chamber Foam

1.2 Product uses

Foam based product for effective descaling and removal of mineral deposits from stainless steel internal surfaces of Getinge autoclaves, washer-disinfectors and flusher-disinfectors.

CAUTION: Do not apply to hot surfaces or acid sensitive materials.

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

Supplier Australia:
Getinge Australia Pty Ltd
1/205 Queensport Road North
Murarrie QLD 4172
P.O Box 50
Bulimba QLD 4171
Australia
Phone: +61 733 993 311

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 substance or mixture

According to 1272/2008

Health hazards:	Eye Dam. 1, Skin Irrit. 2
Physical hazards:	Not classified
Environmental hazards:	Not classified

2.2 Label elements

According to 1272/2008

Danger



H318	Causes serious eye damage.
H315	Causes skin irritation.
P261	Avoid breathing spray.
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.
P302 + P352	IF ON SKIN: Wash with plenty of water.
P332 + P313	If skin irritation occurs: Get medical advice/attention.
P362 + P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.

2.3 Other hazards

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SECTION 3: Composition/information on ingredients

Material	CAS number	Level	Hazards (see section 16)
Phosphoric acid	7664-38-2	1-5 %	Skin Corr. 1B, H314
Amphoteric surfactant	1643-20-5	0-1 %	Aquatic Acute 1, H400 Aquatic Chronic 2, H411 Eye Dam. 1, H318 Skin Irrit. 2, H315
Nitric acid	7697-37-2	<0.2 %	Skin Corr. 1A, H314
Corrosion inhibitor	Mixture	<0.1 %	Acute Tox. 4, H302 Eye Dam. 1, H318 STOT RE 1, H372 Aquatic Chronic 3, H412 Skin Irrit. 2, H315 Skin Sens. 1, H317

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:	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:	Causes burns.
Skin hazard:	Will cause severe irritation and damage.
Respiratory hazard:	Breathing spray mist may cause irritation.
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. As appropriate for the 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, 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 alkalis and strong oxidising agents. Store upright in original containers. Recommended storage temperature 5–25 °C.

7.3 Product uses

Wear correct PPE. Apply foam to surface, leaving for up to 30 min; if necessary brush (acid resistant, non-abrasive brush). Repeat if required. Remove all foam residues by rinsing with water and/or wet cloths. Run a process without load.

Cautions:

- Always wear correct PPE
- Do not apply to hot surfaces
- Rinse thoroughly
- Intended for use on stainless steel only
- Autoclaves: Avoid product entering drain.

SECTION 8: Exposure controls and personal protection

8.1 Control parameters

Workplace exposure limits

Orthophosphoric acid, 1mg/m³, WEL 8 hour TWA (UK EH40)

Nitric acid, 1ppm, WEL 15 min STEL (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:	Use in a well ventilated area, 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.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Hazy liquid
Odour:	Acidic
pH:	1.0 as supplied (typical)
Initial boiling point:	100 °C
Flash point:	Not applicable
Auto-ignition temperature:	None
Viscosity:	Slightly viscous liquid
Explosive properties:	None
Oxidising properties:	None
Vapour pressure:	None known
Solubility:	Miscible with water
Relative density at 20 °C (typical):	1.023

9.2 Other information

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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

Extremes of temperature.

10.5 Incompatible materials

Incompatible with strong oxidising agents and alkalis.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	Contains an ingredient classified as Acute Tox 4. Section 3. Mixture is not classified as Acute Tox 4.
Skin corrosion/irritation:	Mixture is classified as Skin Irrit 2. See section 2.
Serious eye damage/irritation:	Mixture is classified as Eye Dam 1. See section 2.
Respiratory or skin sensitisation:	Contains an ingredient classified as Skin Sens 1. Section 3. Mixture is not classified as Skin Sens 1.
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:	Contains an ingredient classified as STOT RE 1. Section 3. Mixture is not classified as STOT RE 1.
Aspiration toxicity:	Does not contain any ingredients classified as Asp Tox.

11.2 Routes of exposure/symptoms

Eye contact:	Causes burns.
Skin contact:	Will cause severe irritation and damage.
Inhalation:	Breathing spray mist may cause irritation.
Ingestion:	Moderate toxicity, will cause irritation and damage to gastro-intestinal tract due to acidity.

SECTION 12: Ecological information

12.1 Toxicity

May affect aquatic organisms due to low 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).

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.

SECTION 14: Transport information

14.1 UN number

Not classified.

14.2 UN proper shipping name

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14.3 Transport hazard class(es)

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14.4 Packing group

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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 73/78 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 Regulation (EC) No. 648/2004 on detergents:

Amphoteric surfactants <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).

H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.
H372	Causes damage to organs through prolonged or repeated exposure.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

Date of issue:
2017-12-22

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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