

Getinge Clean

Neutralizer

SECTION 1: Identification of the substance/mixture and company

1.1 Product identifier

Product code: XV1476
Name: Getinge Clean Neutralizer

1.2 Product uses

Acidic fluid for use as a neutralizer of alkaline residues or an acid cleaner for medical instruments. This product is intended for use in washer disinfectors.

1.3 Supplier

Details of the supplier of the Safety Data Sheet.

Supplier:

Getinge Disinfection AB
Ljungadalsgatan 11
352 46 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)
600 Great South Road
Building B, Level 2
Ellerslie, Auckland 1051
NEW ZEALAND
Phone: 0800 1 438 4643

Supplier Australia:
Getinge Australia Pty Ltd
1/160 Lytton Road
Morningside, QLD 4170
AUSTRALIA
Phone: 1800 438 464

1.4 Emergency telephone number

For emergency event of spillage, inhalation or ingestion of products, please contact the emergency hotline:

EU: +44 1235 239670

Australia: +61 2 8014 4558

Japan: +81 3 4578 9341

China: 400 120 6011

Middle East: +44 1235 239671

New Zealand: +64 9 929 1483

SECTION 2: Hazards identification (undiluted product)

2.1 Classification of the substance or mixture

According to 1272/2008

Health hazards:	Eye Dam. 1
Physical hazards:	Not classified
Environmental hazards:	Not classified

2.2 Label elements

According to 1272/2008

Danger



H318	Causes serious eye damage.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352	IF ON SKIN: Wash with plenty of water.
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.

2.3 Other hazards

None identified.

SECTION 3: Composition/information on ingredients

Material	CAS number	Level	Hazards (see section 16)
Citric acid	77-92-9	>30 %	Eye Irrit. 2, H319

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 soap and water. 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 severe irritation and damage.
Skin hazard:	Will cause irritation.
Respiratory hazard:	Not a hazard in normal use. 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. 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

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

Shelf life: 36 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

Dose level 1–2 ml/lit for neutralization, 1 ml/lit at temperatures up to 50 °C for acidic cleaning.

Do not use on polycarbonate. Ensure that all materials exposed to the process are acid resistant.

Do not mix with other products.

SECTION 8: Exposure controls and 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 gloves 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.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Colourless to pale yellow liquid
Odour:	Characteristic
pH:	1.2 as supplied (typical), 2.2 at 5 ml/l (typical)
Initial boiling point:	> 100 °C
Flash point:	N/A
Auto-ignition temperature:	N/A
Viscosity:	6.9 cSt
Explosive properties:	None
Oxidising properties:	None
Vapour pressure:	No data
Solubility:	Miscible with water
Relative density at 20 °C:	1.17 (typical)

9.2 Other information

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SECTION 10: Stability and reactivity

10.1 Reactivity

Incompatible with strong oxidising agents and alkalis. Avoid contact with acid sensitive materials.

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 alkalis. Avoid contact with acid sensitive materials.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:	Does not contain any ingredients classified as acutely toxic.
Skin corrosion/irritation:	Does not contain any ingredients classified as skin corrosive/skin irritant.
Serious eye damage/irritation:	Mixture is classified as Eye Irrit 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.

11.2 Routes of exposure/symptoms

Eye contact:	Will cause severe irritation and damage.
Skin contact:	Will cause irritation.
Inhalation:	Breathing spray mist may cause irritation.
Ingestion:	Low toxicity. May cause irritation to gastro-intestinal tract due to acidity.

SECTION 12: Ecological information

12.1 Toxicity

Not classified as dangerous for the environment. 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.

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

N/A

14.3 Transport hazard class(es)

N/A

14.4 Packing group

N/A

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: None.

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).

H319 - Causes serious eye irritation.

Eye Dam. 1 classification is required due to low product pH.

Date of issue:
2020-05-19

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.