
Getinge Clean Neutralizer

According to Regulation (EC) No. 1907/2006

Safety Data Sheet



GETINGE
GETINGE GROUP

6001643502_MSDS_Neutralizer_XV1476_EN_RewA

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

- 1.1 Product Identifier
- Product code XV1476
- Trade 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 a washer disinfectant.
- 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 2903 93
- 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
2.1.1	According to 1272/2008	Health Hazards: Eye Dam. 1 Physical Hazards: Not Classified Environmental Hazards: Not Classified
2.1.2	According to 1999/45/EC	Classification according to directive 1999/45/EC: Irritant
2.2	Label elements	
2.2.1	According to 1272/2008	<p>Danger: </p> <p>H318 - Causes serious eye damage.</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>P302+P352 - IF ON SKIN: Wash with plenty of water.</p> <p>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.</p> <p>P405 Store locked up.</p>
2.2.2	According to 1999/45/EC	<p></p> <p>R36/38 - Irritating to eyes and skin.</p> <p>S37/39 - Wear suitable gloves and eye/face protection.</p> <p>S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</p> <p>S28 - After contact with skin, wash immediately with plenty of water.</p> <p>S2 - Keep out of reach of children.</p>
2.3	Other Hazards	None identified

SECTION 3: Composition/Information on Ingredients

3.1

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 if irritation persists.

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.
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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:	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	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 Control and Personal Protection

8.1	Control parameters	<p>Workplace exposure limits</p> <p>None set</p>
8.2	Exposure controls	<p>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.</p> <p>Eye protection: Wear eye protection appropriate to the process according to BS EN 166.</p> <p>Hand protection: Wear nitrile or neoprene gloves. Exact choice of glove depends on specific risk assessments.</p> <p>Body protection: As necessary to prevent contact.</p> <p>Respiratory protection: Use in a well ventilated area, avoid breathing spray mist, wear a protective mask according to EN149, if necessary.</p> <p>Other protection: Personal protective equipment:</p> <div style="display: flex; justify-content: center; gap: 10px;">   </div> <p>Exact PPE requirements should be determined from a specific risk assessment of the processes being carried out.</p> <p>Environmental protection: Prevent mixture from entering water courses.</p>

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

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 acids. 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

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	<p>Process effluent can normally be discharged to foul sewer (subject to consent limits).</p> <p>Dispose of surplus product and packaging via a licenced chemical waste contractor.</p> <p>Empty cleaned containers can be recycled where facilities exist or sent for landfill or incineration where permitted.</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:	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 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.
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.
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Eye Dam. 1 classification is required due to low product pH.

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1

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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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