

SECTION 1: Identification of the substance/mixture and company**1.1. Product Identifier**

Product code XV1347
Name: Lancerclean

1.2. Product Uses

Detergent for use in laboratory glassware washers. Not for manual use, machine use only.

1.3. Supplier**Getinge UK Ltd**

1 Pembroke Avenue
Waterbeach
Cambridge
CB25 9QP

Phone: 01223 861665

Fax: 01223 861990

Web: www.lancer.co.uk www.getinge.com

Email: ukqhse@getinge.com

1.4. Emergency telephone number

During office hours: 01223 861665 Outside office hours: 0870 190 6777

SECTION 2: Hazards identification (Undiluted product)**2.1. Classification of the mixture**

Classification according to directive 1999/45/EC: Corrosive

2.2. Label elements

Corrosive

R34 Causes burns.

R40 Limited evidence of a carcinogenic effect

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water.

S2 Keep out of reach of children.

2.3. Other hazards

Strong caustic product, use with caution.

SECTION 3: Composition/ information on ingredients

Material	CAS number	Level	Hazards (see section 16)	
Sodium hydroxide	1310-73-2	<5%	Corrosive	C R35
Trisodium nitrilotriacetate	5064-31-3	10-15%	Harmful	Xn R40 R22 Xi R36/38

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: Causes burns.

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. As appropriate for the 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, 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 acids and strong oxidising agents. Store upright in original containers.

7.3. Product Uses

For machine use only- not for use by hand.

Add Lancerclean to your machine either manually or by automatic injection, at a concentration of 15ml per 1 litre of water, directly into the wash tank water.

Use in conjunction with Lancerinse.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits

Sodium hydroxide

2mg/m³

WEL 15 min STEL

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 chemical splash goggles to BS EN 166 34B
- 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 straw liquid

Odour: Faint ammonia

pH: 12.5 1% in water (typical).

Initial boiling point: >100°C.

Flash point: Not applicable.

Auto-ignition temperature: Not applicable.

Viscosity: Free flowing.

Explosive properties: Not applicable.

Oxidising properties: Not applicable.

Vapour pressure: 17.5mm Hg at 20°C.

Solubility: Miscible with water.

Relative density at 20° C (typical): 1.147

9.2. Other information None measured.

SECTION 10: Stability and reactivity

10.1. Reactivity Incompatible with oxidising agents, acids and alkali sensitive metals such as aluminium.

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 oxidising agents, acids and alkali sensitive metals such as aluminium.

10.6. Hazardous decomposition products None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Sensitisation: Contains no ingredients classified as sensitising.

Carcinogenicity: Product is classified as a class 3 carcinogen. See section 2.

Mutagenicity: Contains no ingredients classified as mutagenic.

Toxicity for reproduction: Contains no ingredients as toxic for reproduction.

Long term: Based on current knowledge, no long term effects are anticipated if used correctly.

Routes of exposure/ symptoms

Eye contact: Causes burns.

Skin contact: Causes burns.

Inhalation: Not a hazard in normal use. Breathing spray mist may cause irritation.

Ingestion: Moderate toxicity, 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.
- 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).
Large quantities, dispose via a licensed chemical waste contractor.

SECTION 14: Transport information

- 14.1. UN number** 1719 **14.2. UN proper shipping name** Caustic alkali liquid, n.o.s
- 14.3. Transport hazard class(es)** 8 **14.4. Packing group** 3
- 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 substances or mixture

Contents according to (EC) regulation No.648/2004 on detergents:
NTA and salts thereof 5-15%

- 15.2. Chemical safety assessment** A chemical safety assessment has not been carried out.

SECTION 16: Other information

R phrases relating to ingredients (see section 3)
R35 Causes severe burns.
R22 Harmful if swallowed.
R36/38 Irritating to eyes and skin.
R40 Limited evidence of a carcinogenic effect

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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.