

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

Product code XV1345  
 Name: Lancerinse

**1.2. Product Uses**

This is a rinse additive specifically for use in laboratory glassware washers and washer disinfectors, not for manual use.

**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: Irritant

**2.2. Label elements**

Irritant

R36/38 Irritating to eyes and skin.

S24/25 Avoid contact with skin and eyes.

S46 If swallowed, seek medical advice immediately and show this container or label.

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

S23 Do not breathe fumes.

S2 Keep out of reach of children.

**2.3. Other hazards**

Product emits strong fumes, handle with caution.

**SECTION 3: Composition/ information on ingredients**

Material	CAS number	Level	Hazards (see section 16)	
Acetic Acid	64-19-7	20%	Corrosive, Flammable	C R35, R10

**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: Will cause irritation.

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**

Use foam, dry powder or carbon dioxide.

#### **5.2. Special hazards arising from the mixture**

May cause toxic fumes in a fire.

#### **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

Exclude sources of ignition, provide ventilation. 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.

#### **7.3. Product Uses**

For machine use only- not for use by hand.

Use via automatic injection at a concentration of up to 25ml per 1 litre of water in the rinse cycle.

Use in conjunction with Lancerclean or Lancerwash.

### **SECTION 8: Exposure controls/personal protection**

#### **8.1. Control parameters**

Workplace exposure limits

Acetic Acid

25mg/m<sup>3</sup>

WEL 8 hour TWA (recommended)

## 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: 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.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Appearance: Colourless liquid

Odour: Strong acidic

pH: 3.3 1% in water (typical).

Initial boiling point: >100°C.

Auto-ignition temperature: None.

Explosive properties: None.

Oxidising properties: None.

Vapour pressure: 17.5mm Hg at 20°C.

Solubility: Miscible with water.

Relative density at 20° C (typical): 1.026

Flash point: None.

Viscosity: Free flowing.

9.2. Other information None measured.

## **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

Sensitisation: Contains no ingredients classified as sensitising.

Carcinogenicity: Contains no ingredients classified as carcinogenic.

Mutagenicity: Contains no ingredients classified as mutagenic.

Toxicity for reproduction: Contains no ingredients classified 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: Will cause irritation.

Skin contact: Will cause irritation.

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** 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).

Large quantities, dispose via a licensed 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** 2790      **14.2. UN proper shipping name** Acetic acid solution (more than 10 percent and less than 50 percent acid, by mass)
- 14.3. Transport hazard class(es)** 8      **14.4. Packing group** 3
- 14.5. Environmental hazards** Not classified as dangerous for the environment.
- 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:

- 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.

R10 Flammable.

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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.