

SECTION 1: Identification of the substance/mixture and of the company under taken

1.1 Product identifier

Substance name: NLL

1.2 Relevant identified uses of the substance or mixture and uses advised against

Neutralizing solution for the rinsing of laboratory glassware

1.3 Details of the supplier of the Safety Data Sheet

Supplier GETINGE LANCER

Street address/P.O. Box 30 Boulevard de l'Industrie – ZI Pahin Concerto

Country ID/Postcode/Place 31170 Tournefeuille - France

Telephone number +33 (0)5 61 15 11 11

Fax number +33 (0)5 61 15 16 16

e-mail lancersite@getinge.com

1.4 Emergency telephone number

Only available during office hours: +49 (0)40 / 52 100 –0

Only available during the following office hours: 24h/24

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture**2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]**

Health Hazards: Eye Dam. 1, Skin Irrit. 2

Physical Hazards: Not Classified

Environmental Hazards: Not Classified

2.2 Label elements*Labelling according to Regulation (EC) No 1272/2008 [CLP]*

Hazard pictograms:



Signal word: Danger

Material Safety Data Sheet

Hazard/precautionary statements:

H315	Causes skin irritation
H318	Causes serious eye damage
P260:	Do not breathe mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P330 + P 331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.
P304 + P340	IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405	Store locked up.

2.3 Other hazards

Product emits strong fumes, handle with caution.

SECTION 3: Composition/information on ingredients

<i>CAS No</i>	<i>EC No</i>	<i>Index No.</i>	<i>REACH Reg.No.</i>	<i>% [weight]</i>	<i>Name</i>	<i>Classification Acc. To Regulation (EC) No1278/2008 (CLP).</i>
64-19-7	200-580-7	607-002-00-6	01-2119475328-30-xxxx	20%	Acetic Acid	Skin Corr. 1B, H314

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.

*Material Safety Data Sheet***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: Breathing spray mist will 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: Firefighting measures

Flammability hazard: Not combustible.

5.1 Extinguishing media

Use foam, dry powder or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

May cause toxic fumes in a fire.

5.3 Advice for firefighters

No specific hazards 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 Specific end use(s)

For machine use only- not for use by hand.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits

Acetic Acid	25mg/m ³	WEL 8 hour TWA (recommended)
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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.

SECTION 9: Physical and chemical properties

*Material Safety Data Sheet***9.1 Information on basic physical and chemical properties**

Appearance:	Colourless liquid	
Odour:	Strong acidic	
pH (typical) :	3.3 1% in water (typical).	
Initial boiling point:	>100°C.	Flash point: None.
Auto-ignition temperature:	None.	Viscosity: Free flowing.
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	

9.2 Other information

Not measured

SECTION 10: Stability and Reactivity

10.1 Reactivity

Incompatible with strong oxidizing 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 oxidizing agents and alkalis.

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:	Mixture is classified as [...]. See section 2.
Serious eye damage/ irritation:	Mixture is classified as [...]. See section 2.
Respiratory or skin sensitization:	Does not contain any ingredients classified as sensitizing
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:	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:

III

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 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)
H314 Causes severe skin burns and eye damage

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex II.

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