

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

1.1 Product identifier

Name: LLL

Product code : 41010070

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

A caustic detergent for use in automatic washers. Not for use by manual methods

1.3 Details of the supplier of the Safety Data Sheet

Supplier Getinge Life Science France

Street address/P.O. Box Etablissement de Tournefeuille
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

Email lancersite@getinge.com**Australian Supplier**Street Address Getinge Australia Pty Ltd
Level 7, 4 Help Street
Chatswood NSW 2067

Telephone number 1800 438464

Email sales.au@getinge.com**New Zealand Supplier**Street Address Getinge Australia Pty Ltd (NZ Branch)
Level 2, Building B
Millennium Center
600 Great South Road
Ellerslie Auckland 1051
Telephone number 0800 1 438 4643
Email sales.nz@getinge.com

1.4 Emergency telephone number

Only available during office hours: 844892 011

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

Australia

Poisons Information Centre:

+61 2 8014 4558 (24h)

13 11 26 24h)

New Zealand:

National Poisons Center

+64 9 272 9039 (24h)

0800 764 766 (24h)

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: Skin Corr. 1A H314

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Hazard pictograms:



Signal word: Danger

Hazard/precautionary statements:

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H290	May be corrosive to metals
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

None identified.

SECTION 3: Composition/information on ingredients

CAS No	EC No	Index No.	REACH Reg.No.	% [weight]	Name	Classification Acc. To Regulation (EC) No1278/2008 (CLP).
1310-73-2	215-185-5	011-002-00-6	Not applicable	<5%	Sodium hydroxide	Specific concentration limits Skin Corr. 1A; H314: C ≥ 5 % Skin Corr. 1B; H314: 2 % ≤ C < 5 % Skin Irrit. 2; H315: 0,5 % ≤ C < 2 % Eye Irrit. 2; H319: 0,5 % ≤ C < 2 %

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 severe burns.
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

No special requirements. As appropriate for the 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 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 oxidizing agents.
Store upright in original containers.
Recommended storage temperature 5-25°C.

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

Sodium hydroxide

2mg/m³

WEL 15 min STEL (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 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:	Mild, characteristic.	
pH (typical) :	11.8 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):	1.135	

9.2 Other information

Not measured

SECTION 10: Stability and Reactivity

10.1 Reactivity

Incompatible with oxidising agents, acids and alkali sensitive metals such as aluminum.

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

Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion/ irritation:	Mixture is classified as Skin Corr. 1B. See section 2.
Serious eye damage/ irritation:	Mixture is classified as Eye Dam. 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:	Causes burns.
Skin contact:	Causes severe burns.
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/aquatic toxicant.

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 Endocrine disrupting properties

No known endocrine disrupting properties.

12.7 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:

1719

14.2 UN proper shipping name:

Caustic alkali liquid, n.o.s

14.3 Transport hazard class(es):

8

14.4 Packing group:

II

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 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 mixture

Contents according to (EC) regulation 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)

Material Safety Data Sheet

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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