

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

1.1 Product identifier

Substance name: DLC

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

A detergent for the cleaning of heat-sensitive endoscopes in automatic endoscope washer-disinfectors only.

Not for use via manual methods

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

Supplier: Australia
Getinge Australia Pty Ltd
Level 7, 11 Help Street,
Chatswood NSW 2067 Australia
Telephone: 1800 438 464

Supplier New Zealand
Getinge Australia (NZ Branch)
Level 2, Building B, Millenium Centre
Ellersie Auckland 1051 New Zealand
Telephone: +64 9 272 9039

1.4 Emergency telephone number

Only available during office hours: 844 892 0111

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

Emergency Telephone: Australia +61 2 8014 or 13 11 26

Emergency Telephone: New Zealand + 64 9 272 9039 or 0800 764 766

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 Corr. 1B
Physical Hazards: Met. Corr. 1
Environmental Hazards: Not Classified

2.1.2 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/spray.
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 victim 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.
P390	Absorb spillage to prevent material damage.
P234	Keep only in original container.
P405	Store locked up.

2.2 Other hazards

Alkaline product, use with caution.

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).
1312-76-1	215-199-1	NA	01-2119456888-17- xxxx	5-15%	Potassium silicate	Eye Irrit. 2, Skin Irrit. 2 H315 H319
6834-92-0	229-912-9	014-010-00-8	01-2119449811-37- xxxx	5-15%	Sodium metasilicate pentahydrate	Met. Corr. 1, Skin Corr. 1B, STOT SE 3 H314 H335 H290
5064-31-3	225-768-6	607-620-00-6	Not applicable	1-5%	Trisodium nitrilotriacetate	Carc. 2, Eye Irrit. 2, Met. Corr. 1 H319 H290 H351

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:	Not applicable
Ingestion:	Do not induce vomiting. If conscious, give water to drink. Seek medical assistance immediately.

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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: Causes severe 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: 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 alkalis and strong oxidising agents. Store upright in original containers.

Recommended transport/storage temperature 5-30°C.

7.3 Specific end use(s)

For machine use only- not for use by hand.

Use via automatic injection at a concentration of 10ml per litres of water.

Use in conjunction with Lancer Aperlan or other high level disinfectants.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters**

Workplace exposure limits

Potassium silicate	2mg/m ³	WEL 15 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: Not applicable.

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 (typical) :	12.0 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):	1.186	

9.2 Other information

Not measured

SECTION 10: Stability and Reactivity

10.1 Reactivity

Incompatible with oxidizing agents, acids and alkali sensitive metals.

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 oxidizing agents, acids and alkali sensitive metals.

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:	Contains an ingredient classified as Carc. 2. Section 3. Mixture is not classified as Carc. 2 .
Reproductive toxicity:	Does not contain any ingredients classified as toxic for reproduction.
STOT single exposure:	Contains an ingredient classified as STOT SE. 3. Section 3. Mixture is not classified as STOT SE. 3.
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:	Causes severe burns.
Inhalation:	Breathing spray mist may cause irritation.
Ingestion:	Moderate toxicity, will cause irritation and damage to gastrointestinal tract due to alkalinity.

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

Recommended transport temperature: 5-30°C

14.1 UN number:

UN 3266

14.2 UN proper shipping name:

Corrosive liquid, basic, inorganic N.O.S

14.3 Transport hazard class(es):

8

14.4 Packing group:

III

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:
NTA and salts thereof <5%

15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out.

SECTION 16: SECTION 16: Other information

Hazard statements relating to ingredients (see section 3)

H315	Causes skin irritation
H319	Causes serious eye irritation
H314	Causes severe skin burns and eye damage
H335	May cause respiratory irritation
H290	May be corrosive to metals
H351	Suspected of causing cancer

Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text material used in combination with any other materials or in any process, unless specified in the text.