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SECTION 1: Identification of the substance / mixture and of the company undertaking

1.1. Product identifier

Trade name	:LD8 LIQUID DESTAINER	Date of original:	29/09/1994
Product code	:1015	Revision No.:	7
Product form	:Substance	Revision date:	15/06/2015

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

1.2.1. Relevant identified uses

Main use category :Professional use
Industrial/Professional use spec. :For professional use only
Use of substance/mixture :Laundry chlorinated liquid destainer (bleach)

1.2.2. Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Trichem Scotland Ltd 36E Inchmuir Road, Whitehill Ind. Estate, Bathgate, EH48 2EP
t: 01506 634477 f: 01506 634488 e: sales@trichemscotland.co.uk

1.4. Emergency telephone number

Emergency number :Mon – Fri 9:00am – 5:00pm

SECTION 2: Hazards identification

2.1. Classification of the substance of mixture

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

Skin Corr. 1B :H314
Eye Dan. 1 :H318
Full text of H-phrases :see section 16

2.2. Label elements

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

Hazard pictograms (CLP)

Single word (CLP) :Danger
Hazardous ingredients :Sodium Hypochlorite
Hazard statements (CLP) :H314 - Causes severe skin burns and serious eye damage
:H400 - Very toxic to aquatic life
Precautionary statements (CLP) :P260 - Do not breathe vapour/spray
:P273 – Avoid release to the environment
:P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
:P308+P361+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
:P310 - Get immediate medical attention.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Hazard ingredients	CAS number	% Cl Active	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium hypochlorite	7681-52-9	14-15	Skin Corr. 1B H314, Eye Dam. 1 H319, Aquatic Acute 1 H400

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general :Get medical advice/attention if you feel unwell.
First-aid measures after inhalation :Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact :Wash with plenty of soap and water. Take off immediately all contaminated clothing and wash it/them before reuse.
First-aid measures after eye contact :IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists. Get medical advice/attention.
First-aid measures after ingestion :Do not induce vomiting, give plenty of water to drink. Get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries after inhalation :May cause respiratory irritation.
Symptoms/injuries after skin contact :Burns.
Symptoms/injuries after eye contact :Causes eye damage.
Symptoms/injuries after ingestion :Burns.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media :Carbon dioxide. Dry powder. Foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire :Chlorine. Oxygen.

5.3. Advice for firefighters

No additional information

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures :Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment :Use personal protective equipment as required.

6.2. Environmental precautions

Avoid release to the environment Spillages or uncontrolled discharges into water courses must be reported immediately to SEPA or other appropriately regulatory body.

6.3. Methods and materials for containment and cleaning up

For containment :Collect spillage.
Methods for cleaning up :Soak up any spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

For further information refer to section 8. “Exposure controls/personal protection”. For further information refer to section 13.

SECTION 7: Handling & storage

7.1. Precautions for safe handling

Precautions for safe handling :Avoid contact with eyes. Wear appropriate PPE
Hygiene measures :Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures :Does not require any specific or particular technical measures.
Storage conditions :Keep container closed when not in use.
Incompatible products :Oxidising agents. Strong acids.
Special rules on packaging :Keep only in original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Materials for protective clothing :Not required for normal conditions of use.
Hand protection :Protective gloves.
Eye protection :Safety glasses
Skin and body protection :Wear appropriate clothing to prevent any possibility of skin contact.
Respiratory protection :Not required for normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:Liquid	Decomposition temperature	:No data available
Appearance	:Mobile	Flammability (solid, gas)	:No data available
Colour	:Light pale yellow	Vapour pressure	:No data available
Odour	:Bleach	Relative vapour density @20^{o}C	:No data available
Odour threshold	:No data available	Relative density	:1.20-1.27
pH	:12.4	Solubility	:Water
Relative evaporation rate	:No data available	Log pow	:No data available
Melting point	:No data available	Viscosity, kinematic	:No data available
Freezing point	:No data available	Viscosity, dynamic	:No data available
Boiling point	:>100^{o}C	Explosive properties	:No data available
Flash point	:No data available	Oxidising properties	:No data available
Auto-ignition temperature	:No data available	Explosive limits	:No data available

9.2. Other properties

No additional information available

SECTION 10. Stability and reactivity

10.1. Reactivity

Generates toxic gas in contact with acids.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Generates toxic gas in contact with acids.

10.4. Conditions to avoid

Heat & direct day light

10.5. Incompatible materials

Strong acids. Amines.

10.6. Hazardous decomposition products

Oxygen

SECTION 11: Ecological information

11.1. Information on toxicological effects

Acute toxicity	:Oral, (LD50 mg/kg) 1,100
Skin corrosion/irritation	:Causes severe skin burns and eye damage :pH 12.4
Serious eye damage/irritation	:Causes serious eye damage, category 1, implicit :pH 12.4
Respiratory or skin sensitisation	:Not classified
Germ cell mutagenicity	:Not classified
Carcinogenicity	:Not classified
Reproductive toxicity	:Not classified
Specific target organ toxicity (single exposure)	:Not classified
Specific target organ toxicity (repeated exposure)	:Not classified
Aspiration hazard	:Not classified

SECTION 12: Ecological information

12.1. Toxicity

Very toxic to aquatic life

12.2. Persistence and degradability

Rapidly degrades to Sodium Chloride by chemical reaction with organic matter in effluent.

12.3. Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal as special waste. Rinse out empty container with water and consign to normal waste.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

ADR / RID / IMDG / IATA :1791

14.2. UN proper shipping name

Proper shipping name (ADR)	: HYPOCHLORITE SOLUTION
Proper shipping name (IMDG)	: HYPOCHLORITE SOLUTION
Proper shipping name (IATA)	: HYPOCHLORITE SOLUTION

14.3. Transport hazard class(es)

ARD

Transport hazard class(es) (ADR) :8

IMDG

Transport hazard class(es) (IMDG) :8

IATA

Transport hazard class(es) (IATA) :8

14.4. Packing group

Packing group (ADR)	:II
Packing group (IMDG)	:II
Packing group (IATA)	:II

14.5 Environmental hazards

Dangerous to the environment :No

Other information :No supplementary information available

14.6. Special precautions for user

Overland transport

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IBC code :Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance of mixture

15.1.1. EU-Regulation

Contains no substances with annex XVII restrictions

Contains no substances on the REACH candidate list

Contains no REACH Annex XIV substances

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of R-, H- and EUH-phrases

H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H400	Very toxic to aquatic life
EUH031	Contact with acids liberates toxic gas

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.