

DM CID

189

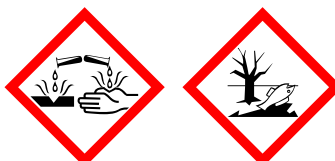


C : Corrosive



8 : Corrosive substance.

Danger



Producer

CID LINES NV
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 Tel. + 32 57 21 78 77
 Fax +32 57 21 78 79
 info@cidlines.com

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

1.1. Product identifier

Identification of the product : Liquid.
 Trade name : DM CID
 Type of product : Disinfectant.

1.2. Other

Use : Industrial. See product bulletin for detailed information.

1.3. - Company

Company identification : CID LINES NV
 Waterpoortstraat, 2
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1.4. Emergency telephone number

+ 32 70 245 245

SECTION 2. Hazards identification

2.1. Classification of the substance or mixture

Classification EC 67/548 or EC 1999/45

: R31
 C; R35

Hazard Class and Category Code Regulation EC 1272/2008 (CLP)

• Health hazards : Skin corrosion - Category 1A - Danger (CLP : Skin Corr. 1A)
 Serious eye damage - Category 1 - Danger (CLP : Eye Dam. 1)

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DM CID

189

SECTION 2. Hazards identification (continued)

- **Environmental hazards** : Hazardous to the aquatic environment - Acute hazard - Category 1 - Warning (CLP : Aquatic Acute 1)

2.2. Label elements

Labelling EC 67/548 or EC 1999/45

- **Symbol(s)**



: C: Corrosive.

- **R Phrase(s)**

: R31 : Contact with acids liberates toxic gas.
R35 : Causes severe burns.

- **S Phrase(s)**

: S13 : Keep away from food, drink and animal feedingstuffs.
S20/21 : When using, do not eat, drink or smoke.
S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 : After contact with skin, wash immediately with plenty of water
S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.
S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

Labelling Regulation EC 1272/2008 (CLP)

- **Hazard pictograms**



- **Hazard pictograms code**

: SGH05 - SGH09

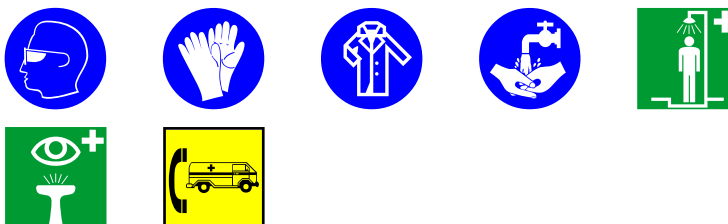
- **Signal words**

: Danger

- **Hazard statements**

: H314 : Causes severe skin burns and eye damage.
H400 : Very toxic to aquatic life.

- **Pictograms (Precautionary statements)**



- **Precautionary statements**

- **Prevention**

: P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P260 : Do not breathe dust/fume/gas/mist/vapours/spray.

- **Response**

: P303: IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Wash with plenty of soap and water.
P363 : Wash contaminated clothing before reuse.
P305: IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. Specific treatment.
P301+P330+P331+P310+P321: IF SWALLOWED : Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor. Specific treatment.

DM CID

189

SECTION 2. Hazards identification (continued)

2.3. Other hazards

None under normal conditions.

SECTION 3. Composition/information on ingredients

Substance / Preparation		: Preparation.					Classification
Substance name	Contents	CAS No	EC No	Index No	REACH		
Sodium hypochlorite	1 - 5 %	7681-52-9	231-668-3	017-011-00-1	01-2119488154-34	R31 C: R34 N: R50 (M fact. = 10) ----- Skin Corr. 1B Eye Dam 1 Aquatic Acute 1 Acute Tox. (EUH031)	
hydroxide	5 - 15 %	1310-58-3	215-181-3	019-002-00-8	----	Xn; R22 C: R35 ----- Skin Corr. 1A Acute Tox. 4 (oral)	

SECTION 4. First aid measures

4.1. Description of first aid measures

First aid

- Inhalation : Assure fresh air breathing. Allow the victim to rest. Seek medical advice.
- Skin contact : Remove contaminated clothing and shoes. Flush with plenty of water. Seek medical attention if ill effect or irritation develops.
- Eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.
- Ingestion : Rinse mouth. DO NOT INDUCE VOMITING. Seek medical advice.

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

No data available.

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

No data available.

SECTION 5. Fire-fighting measures

5.1. Extinguishing media

No data available.

Extinguishing media : Dry chemical. Foam. Carbon dioxide.

- Not to be used : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

No data available.

5.3. Advice for fire-fighters

Flammable class : Not combustible.

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

Special procedures : Exercise caution when fighting any chemical fire.

DM CID

189

SECTION 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

Environmental precautions : Notify authorities if liquid enters sewers or public waters. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

After spillage and/or leakage : Dilute residues and flush. Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

6.4. Reference to other sections

No data available.

SECTION 7. Handling and storage

7.1. Precautions for safe handling

General : Avoid all unnecessary exposure.
Handling : Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Keep at temperature not exceeding 50°C Protect from freezing. Keep container closed when not in use.

7.3. Specific end use(s)

No data available.

SECTION 8. Exposure controls/personal protection

8.1. Control parameters

Personal protection



- **Respiratory protection** : Contact with acids liberates toxic gas. Suitable respiratory equipment. (filter B-P2)
- **Skin protection** : If skin contact or contamination of clothing is likely, protective clothing should be worn.
- **Eye protection** : Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.
- **Ingestion** : When using, do not eat, drink or smoke.
- Industrial hygiene** : Local exhaust and general ventilation must be adequate to meet exposure standards.

8.2. Occupational Exposure Limits

No data available.

DM CID**189****SECTION 9. Physical and chemical properties****9.1. Information on basic physical and chemical properties****• Appearance**

Physical state : Liquid.
Colour : Yellow.

• Odour

Odour : Chlorine (Cl).

• pH

pH value : ca 12.5

• Melting point / Freezing point

Freezing point [°C] : -15°C

• Initial boiling point - boiling range

Initial boiling point : 100°C

• Flash point

Flash point [°C] : Not applicable.

• Relative density

Density : ca 1.2 kg/l

• Solubility

Solubility in water : Complete.

• Auto-ignition temperature

Auto-ignition temperature [°C] : Not applicable.

• Viscosity

Viscosity : Not applicable.

9.2. Other information

No data available.

SECTION 10. Stability and reactivity**10.1. Reactivity**

No data available.

10.2. Chemical stability

No data available.

10.3. Possibility of hazardous reactions

Hazardous reactions : Reacts with : Acids.

Hazardous properties : Contact with acids liberates toxic gas.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

DM CID**189****SECTION 10. Stability and reactivity (continued)****10.6. Hazardous decomposition products**

Hazardous decomposition products : According to process conditions, hazardous decomposition products may be generated.

SECTION 11. Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

- Inhalation : Corrosive vapours.
- Dermal : Corrosive.
- Ocular : Risk of damage to eyes.
- Ingestion : Corrosive.
- Rat oral LD50 [mg/kg] : 3030

SECTION 12. Ecological information**12.1. Toxicity**

48 Hour-EC50 - Daphnia magna [mg/l] : No data available.

IC50 72h Algae [mg/l] : No data available.

LC50-96 Hour - fish [mg/l] : No data available.

12.2. Persistence - degradability

No data available.

12.3. Bioaccumulative potential

BOD5-value [mg/l] : 10.6

COD-value [mg/l] : 32.5

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

WGK class (Germany) : 1

SECTION 13. Disposal considerations**13.1. Waste treatment methods**

Disposal : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14. Transport information**14.1. UN Number**

General information

DM CID

189

SECTION 14. Transport information (continued)

- UN No. : 3266

14.2. Proper shipping name

- Proper shipping name : UN3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hypochlorite, Potassium hydroxide), 8, III

14.3. Transport Hazard Classification

19 Hazard Label(s)



: 8

Land transport

- ADR/RID : Class : 8
Group : III

- H.I. nr : : 80

- ADR Class : : 8

Sea transport

- IMO-IMDG code : Class 8

IMO Packing group : III

- IMDG-Marine pollution : YES ò

- EMS-Nr : F-A S-B

Air transport

- ICAO/IATA : Packaging instructions cargo : 820
Packaging instructions passenger: 818

- Proper shipping name : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hypochlorite)

- IATA - Class or division : : 8

IATA Packing group : III

14.4. Packing group

- ADR Packing group : III

14.5. Environmental hazards

In case of spillage and/or leakage : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Personal precautions : The driver shall not attempt to deal with any fire of the load.

No naked lights. No smoking.

Keep public away from danger area.

NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY.

Additional information

14.7. Bulk transport - annex II Marpol 73/78 - IBC

Not classified.

SECTION 15. Regulatory information

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

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DM CID**189****SECTION 15. Regulatory information (continued)**

Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

No data available.

SECTION 16. Other information

Recommended uses and restrictions : See product bulletin for detailed information.

List of relevant R phrases (heading 3) : R22 : Harmful if swallowed.
R31 : Contact with acids liberates toxic gas.
R34 : Causes burns.
R35 : Causes severe burns.
R50 : Very toxic to aquatic organisms.

List of relevant symbols (heading 3) : C: Corrosive.
N: Dangerous for the environment.

Further information : None.

The contents and format of this SDS are in accordance with EEC Commission "REACH" Regulation, EC 1907/2006

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