

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

1.1. Product identifier

Product form : Liquid
Product name. : DM CID ULTRA
Product code : A96
Product group : Disinfectants

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

1.2.1. Relevant identified uses

Main use category : Industrial use
Use of the substance/mixture : See product bulletin for detailed information

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

CID LINES NV
Waterpoortstraat, 2
B-8900 Ieper - Belgique
T + 32 57 21 78 77 - F +32 57 21 78 79
sds@cidlines.com - <http://www.cidlines.com>

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number
Worldwide	www.who.int/ipcs/poisons/centre/directory/en		

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

C; R35
Full text of R-phrases: see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP) : Danger
Hazardous ingredients : Sodium hydroxide
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage
Precautionary statements (CLP) : P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P303: IF ON SKIN: Remove immediately all contaminated clothing. Wash with plenty of soap and water.
P304+P340: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. Specific treatment is urgent.
P301+P330+P331+P310+P321: IF SWALLOWED : Rinse mouth Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician. Specific treatment.
P501 : Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

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according to Regulation (EC) No. 453/2010

Labelling according to Directive 67/548/EEC or 1999/45/EC

Hazard symbols :



C - Corrosive

Hazardous ingredients : Potassium hydroxide, Sodium hydroxide
R-phrases : R35 - Causes severe burns
S-phrases : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
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 where possible)
S23 - Do not breathe spray
S28 - After contact with skin, wash immediately with plenty of water
S35 - This material and its container must be disposed of in a safe way

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Sodium hydroxide	(CAS No)1310-73-2 (EC no)215-185-5 (EC index no)11-002-00-6 (REACH-no)01-2119457892-27	5 - 15	C; R35
Potassium hydroxide	(CAS No)1310-58-3 (EC no)215-181-3 (EC index no)19-002-00-8	1 - 5	Xn; R22 C; R35
N,N-bis(carboxymethyl)-alanine, trisodium salt	(CAS No)164462-16-2 (REACH-no)01-0000016977-53	1 - 5	Xi; R36
Dodecyl dipropylene triamine	(CAS No)2372-82-9 (EC no)219-145-8	<= 1	Xn; R22 Xn; R48/22 C; R35 N; R50

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sodium hydroxide	(CAS No)1310-73-2 (EC no)215-185-5 (EC index no)11-002-00-6 (REACH-no)01-2119457892-27	5 - 15	Skin Corr. 1A, H314
Potassium hydroxide	(CAS No)1310-58-3 (EC no)215-181-3 (EC index no)19-002-00-8	1 - 5	Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314
N,N-bis(carboxymethyl)-alanine, trisodium salt	(CAS No)164462-16-2 (REACH-no)01-0000016977-53	1 - 5	Met. Corr. 1, H290
Dodecyl dipropylene triamine	(CAS No)2372-82-9 (EC no)219-145-8	<= 1	Acute Tox. 3 (Oral), H301 Skin Corr. 1A, H314 STOT RE 2, H373 Aquatic Acute 1, H400

Full text of R-, H- and EUH-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest. Seek medical attention immediately.
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Seek medical advice.
First-aid measures after eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.
First-aid measures after ingestion : Rinse mouth. Do not induce vomiting because of corrosive effects. Take to hospital.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical. Foam. Carbon dioxide.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Not combustible.
Reactivity : Thermal decomposition generates :Corrosive vapours.

5.3. Advice for firefighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Wear suitable protective clothing and eye/face protection.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : 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 additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Avoid all unnecessary exposure.
Hygiene measures : Keep away from food, drink and animal feeding stuffs. 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 conditions : Keep at temperature not exceeding 50 °C. Protect from freezing. Keep container closed when not in use.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Sodium hydroxide (1310-73-2)		
France	VLE (mg/m ³)	2 mg/m ³
USA NIOSH	NIOSH REL (ceiling) (mg/m ³)	2 mg/m ³
USA OSHA	OSHA PEL (TWA) (mg/m ³)	2 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	2 mg/m ³

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8.2. Exposure controls

Personal protective equipment : Protective goggles. Protective clothing. Gloves. Face shield. Insufficient ventilation: wear respiratory protection.



Hand protection : chemical resistant PVC gloves (to European standard EN 374 or equivalent).

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. Use eye protection to EN 166, designed to protect against liquid splashes.

Skin and body protection : Protective clothing compliant with EN 943 part 2. If repeated skin contact or contamination of clothing is likely, protective clothing should be worn.

Respiratory protection : Contact with acids liberates toxic gas. Full-/half-/quarter-face masks (DIN EN 136/140).

Other information : When using, do not eat, drink or smoke. Provide local exhaust or general room ventilation. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Clear. Yellow.
Odour	: No data available
Odour threshold	: No data available
pH	: ca 12,5 (1%)
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Self ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: ca 1,3 kg/l
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Thermal decomposition generates : Corrosive vapours.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas. Reacts with (some) acids.

10.4. Conditions to avoid

No additional information available

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Thermal decomposition generates :Corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Corrosive to eyes, respiratory system and skin.
Irritation	: Corrosive to eyes, respiratory system and skin. pH: ca 12,5 (1%)
Corrosivity	: Causes severe burns. pH: ca 12,5 (1%)
Sensitisation	: Corrosive.
Repeated dose toxicity	: Not applicable
Carcinogenicity	: No data available
Mutagenicity	: No data available
Toxicity for reproduction	: No data available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : biodegradability inspected at 95%(20 days) following a simulation test in a river water (follow of the degradation hypochlorite in water) - presence of salt inspected-confirming the degradation. OECD norms surfactants not applicable.

12.2. Persistence and degradability

No additional information available

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

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

UN-No : 3266

14.2. UN proper shipping name

Proper Shipping Name : CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S.
Transport document description : UN 3266 CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide), 8, III, (E)

14.3. Transport hazard class(es)

Class (UN) : 8
Hazard labels (UN) : 8



14.4. Packing group

Packing group (UN) : III

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14.5. Environmental hazards

Other information : Clean up even minor leaks or spills if possible without unnecessary risk.

14.6. Special precautions for user

Special transport 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.

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 80

Classification code (ADR) : C5

Orange plates :



Tunnel restriction code : E

LQ : LQ07

Excepted quantities (ADR) : E1

EAC code : 2X

14.6.2. Transport by sea

Ship Safety Act : Corrosive substances

Port Regulation Law : Corrosive substances

14.6.3. Air transport

Instruction "cargo" (ICAO) : Packaging instructions cargo :856

Instruction "passenger" (ICAO) : Packaging instructions passenger:852

Civil Aeronautics Law : Corrosive substances

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

No REACH Annex XVII restrictions

Contains no REACH candidate substance

Other information, restriction and prohibition regulations : Ensure all national/local regulations are observed.

15.1.2. National regulations

Water hazard class (WGK) : 1 - slightly hazardous to water

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

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

Met. Corr. 1	H290
Skin Corr. 1A	H314

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

Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — AcuteHazard, Category 1
Met. Corr. 1	Corrosive to metals, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
H290	May be corrosive to metals
H301	Toxic if swallowed
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
R22	Harmful if swallowed
R35	Causes severe burns
R36	Irritating to eyes
R48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed
R50	Very toxic to aquatic organisms
C	Corrosive
N	Dangerous for the environment
Xi	Irritant
Xn	Harmful

SDS EU CLP DPD

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