

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

1.1. Product identifier

Product form : Liquid
Product name. : DM CLEAN SUPER
Product code : 212

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

1.2.1. Relevant identified uses

No additional information available

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
info@cidlines.com - sds@cidlines.com - <http://www.cidlines.com>

1.4. Emergency telephone number

Country	Official advisory body	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, Potassium hydroxide
Hazard statements (CLP) : H314 - Causes severe skin burns and eye damage
Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P303: IF ON SKIN: Remove immediately all contaminated clothing. Wash with plenty of soap and water.
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/physician Specific treatment.
P301+P330+P331+P310+P321: IF SWALLOWED : Rinse mouth. Do NOT induce vomiting Immediately call a POISON CENTER or doctor/physician Specific treatment.
P264: Wash hands thoroughly after handling.

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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 :

Sodium hydroxide, Potassium hydroxide

R-phrases :

R35 - Causes severe burns.

S-phrases :

S2 - Keep out of the reach of children.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S27 - Take off immediately all contaminated clothing.
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).

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Directive 67/548/EEC
Potassium hydroxide	(CAS No.)1310-58-3 (EC no)215-181-3 (EC index no)19-002-00-8	15 - 30	Xn; R22 C; R35
Sodium hydroxide	(CAS No.)1310-73-2 (EC no)215-185-5 (EC index no)11-002-00-6	5 - 15	C; R35

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Potassium hydroxide	(CAS No.)1310-58-3 (EC no)215-181-3 (EC index no)19-002-00-8	15 - 30	Skin Corr. 1A, H314 Acute Tox. 4 (Oral), H302
Sodium hydroxide	(CAS No.)1310-73-2 (EC no)215-185-5 (EC index no)11-002-00-6	5 - 15	Skin Corr. 1A, H314 Eye Dam. 1, H318

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 : Remove victim to fresh air. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact : Remove contaminated clothing and shoes. Flush with plenty of water. Seek medical attention if ill effect or irritation develops.

First-aid measures after eye contact : Rinse immediately with plenty of water. (Keep a bottle of water at hand). Seek medical attention immediately.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

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 : Carbon dioxide (CO2). Dry chemical. Foam. Water spray. Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Reactivity : No data available.

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according to Regulation (EC) No. 453/2010

5.3. Advice for firefighters

Protection during firefighting : Wear proper protective equipment.
Other information : Not flammable. Exercise caution when fighting any chemical fire.

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.

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

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. 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 : Protect from freezing. Keep at temperature not exceeding 50 °C. 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

No additional information available

8.2. Exposure controls

Personal protective equipment : Protective goggles. Protective clothing. Gloves.



Hand protection : Gloves. chemical resistant PVC gloves (to European standard EN 374 or equivalent).
Eye protection : Eye protection should only be necessary where liquid could be splashed or sprayed. Use eye protection to EN 166, designed to protect against liquid splashes.
Skin and body protection : If skin contact or contamination of clothing is likely, protective clothing should be worn. Protective clothing compliant with EN 943 part 2.
Respiratory protection : No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
Other information : Ingestion unlikely. Provide local exhaust or general room ventilation.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: colourless.
Odour	: Odourless.
Odour threshold	: No data available
pH	: 1% 12,2
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: -15 °C
Boiling point	: 90 °C
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	: 1,4
Solubility	: Water: 100 %
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

No data available.

10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

None under normal conditions.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

Avoid contact with : aluminium. Strong acids.

10.6. Hazardous decomposition products

None under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

DM CLEAN SUPER	
LD50 oral rat	> 2000 unit/kg
Irritation	: Not classified pH: 1% 12,2
Corrosivity	: Causes severe burns. pH: 1% 12,2
Sensitisation	: Not classified
Repeated dose toxicity	: Not classified
Carcinogenicity	: Not classified

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Mutagenicity : Not classified
Toxicity for reproduction : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available.

12.2. Persistence and degradability

DM CLEAN SUPER	
Persistence and degradability	The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
Chemical oxygen demand (COD)	1220 g O ₂ /g substance

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

Waste treatment methods : Dispose of this material and its container at hazardous or special waste collection point.
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. (Potassium 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

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.

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14.6.1. Overland transport

Hazard identification number (Kemler No.) : 80
Classification code : C5
Orange plates :



Tunnel restriction code : E
Limited quantities (ADR) : LQ07
Excepted quantities (ADR) : E1
EAC code : 2X

14.6.2. Transport by sea

Not applicable

14.6.3. Air transport

Instruction "cargo" (ICAO) : Packaging instructions cargo :820
Instruction "passenger" (ICAO) : Packaging instructions passenger:818

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

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]:

Skin Corr. 1A

H314

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

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Skin Corr. 1A	skin corrosion/irritation Category 1A
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
R22	Harmful if swallowed.
R35	Causes severe burns.
C	Corrosive
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.