

SECTION 1: Product and Company identification

1.1. Product identifier

Product form : Mixture
Product name : Cid Clean
Product code : D43

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 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
BELGIUM	Centre Anti-Poisons/Antigifocentrum c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn B -1120 Brussels	+32 70 245 245
CANADA	CANUTEC		(613) 996-6666
FINLAND	Poison Information Centre	P.O. B 790 (Tukholmankatu 17) HUS SF - 00028 Helsinki	+358 9 471 977
Ísland	Eitrunamiðstöð Landsþítali	Fossvogi 108 Reykjavík	+354 543 22 22
NETHERLANDS	Nationaal Vergiftigingen Informatie Centrum Uitsluitend bestemd om artsen te informeren bij accidentele vergiftigingen	Huispostnummer B.00.118, PO Box 85500 3508 GA Utrecht	+31 30 274 88 88
SWITZERLAND	Centre Suisse d'Information Toxicologique Swiss Toxicological Information Centre	Freiestrasse 16 Postfach CH-8028 Zurich	+41 44 251 51 51 (International) 145 (National)
UNITED KINGDOM	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 6ER London	0870 243 2241
USA	American Association of Poison Control Centers		1-800-222-1222
Worldwide	www.who.int/ipcs/poisons/centre/directory/en		
Ελλάδα	Poisons Information Centre Children's Hospital "Agliaia, Kyriakou"	11527 Athens	+30 10 779 3777

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

O; R8
Xn; R20/22
C; R34

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 OSHA 29 CFR 1910.1200

Hazard pictograms (CLP)



Signal word (CLP) : Danger
Hazardous ingredients : Hydrogen peroxide
Hazard statements (CLP) : H272 - May intensify fire; oxidiser

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According to OSHA 29 CFR 1910.1200

Precautionary statements (CLP)

- H302+H332 - Harmful if swallowed or if inhaled
H314 - Causes severe skin burns and eye damage
- P280 - Wear protective gloves/protective clothing/eye protection/face protection
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P303 - IF ON SKIN (or hair) Remove immediately all contaminated clothing. Wash with plenty of soap and water.
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing
P301+P330+P331+P310+P321 - IF SWALLOWED Rinse mouth Do NOT induce vomiting Immediately call a POISON CENTER or doctor/physician Specific treatment.
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.

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

Hazard symbols



O - Oxidising C - Corrosive

R-phrases

- R8 - Contact with combustible material may cause fire
R20/22 - Harmful by inhalation and if swallowed
R34 - Causes burns

S-phrases

- S7 - Keep container tightly closed
S23 - Do not breathe spray
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)
S28 - After contact with skin, wash immediately with plenty of water
S14 - Keep away from oxidizing agents
S20/21 - When using do not eat, drink or smoke

2.3 Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1 Substance

Not applicable

3.2 Mixture

Name	Product identifier	%	Classification
Hydrogen peroxide	(CAS No) 7722-84-1 (EC no) 231-765-0 (EC index no) 8-003-00-9 (REACH-no) 01-2119485845-22	~ 50	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 STOT SE 3, H335

SECTION 4: First aid measures

4.1 Description of first aid measures

- First-aid measures after inhalation : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Put victim at rest, cover with a blanket and keep warm. Get immediate medical advice/attention.
- First-aid measures after skin contact : After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water and soap.
- First-aid measures after eye contact : Rinse immediately carefully and thoroughly with eye-bath or water. Get immediate medical advice/attention.
- First-aid measures after ingestion : IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Seek medical advice immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms/injuries after inhalation : Cough. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- Symptoms/injuries after skin contact : erythema (redness). Causes burns.
- Symptoms/injuries after eye contact : Conjunctival redness. Impairment of vision. Causes tears.
- Symptoms/injuries after ingestion : Causes burns. Gastrointestinal complaints. Cough. The product causes cramps.

4.3 Indication of any immediate medical attention and special treatment needed

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

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According to OSHA 29 CFR 1910.1200

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : All extinguishing media can be used.

5.2 Special hazards arising from the substance or mixture

Fire hazard : Oxidizing.
Explosion hazard : In use, may form flammable/explosive vapour-air mixture.
Reactivity : May cause fire. Reacts violently with: Reducing agents.

5.3 Advice for firefighters

Precautionary measures fire : No naked lights. No smoking. Remove ignition sources.
Firefighting instructions : Exercise caution when fighting any chemical fire.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures : Absorb spillage to prevent material damage. Collect spillage. Do not handle until all safety precautions have been read and understood.

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

Shafts and sewers must be protected from entry of the product. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Absorb spillage to prevent material damage. Collect spillage. Collect in closed and suitable containers for disposal. To clean the floor and all objects contaminated by this material, use plenty of water.

6.4 Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed : In use, may form flammable/explosive vapour-air mixture.
Precautions for safe handling : No naked lights. No smoking. Proper grounding procedures to avoid static electricity should be followed.
Hygiene measures : Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Do not handle until all safety precautions have been read and understood.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions : Store and handle as though always a serious potential fire/explosion and health hazard exists. Keep container closed when not in use. Store away from direct sunlight or other heat sources.
Storage area : Keep in fireproof place.
Special rules on packaging : Handle empty containers with care because residual vapours are flammable.
Packaging materials : Keep only in the original container in a cool, well-ventilated place.

7.3 Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Cid Clean		
Denmark	Grænseværdie (ceiling) (ppm)	Grænseværdie (ceiling) (ppm)
Denmark	Grænseværdie (ceiling) (mg/m ³)	Grænseværdie (ceiling) (mg/m ³)
Hydrogen peroxide (7722-84-1)		
EU	IOELV TWA (mg/m ³)	1,4 mg/m ³
EU	IOELV TWA (ppm)	1 ppm
Belgium	Local name	Hydrogène (peroxyde d')
Belgium	Limit value (mg/m ³)	1,4 mg/m ³

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According to OSHA 29 CFR 1910.1200

Hydrogen peroxide (7722-84-1)		
Belgium	Limit value (ppm)	1 ppm
Belgium	Remark (BE)	(peroxyde d')
Finland	HTP-arvo (8h) (mg/m³)	1,4 mg/m³
Finland	HTP-arvo (8h) (ppm)	1 ppm
Finland	HTP-arvo (15 min)	4,2 mg/m³
Finland	HTP-arvo (15 min) (ppm)	3 ppm
France	VME (mg/m³)	1,5 mg/m³
France	VME (ppm)	1 ppm
United Kingdom	Local name	Hydrogen peroxide
United Kingdom	WEL TWA (mg/m³)	1,4 mg/m³
United Kingdom	WEL TWA (ppm)	1 ppm
United Kingdom	WEL STEL (mg/m³)	2,8 mg/m³
United Kingdom	WEL STEL (ppm)	2 ppm
USA - ACGIH	ACGIH TWA (mg/m³)	1,4 mg/m³
USA - ACGIH	ACGIH TWA (ppm)	1 ppm
USA - NIOSH	NIOSH REL (TWA) (mg/m³)	1,4 mg/m³
USA - NIOSH	NIOSH REL (TWA) (ppm)	1 ppm
USA - OSHA	OSHA PEL (TWA) (mg/m³)	1,4 mg/m³
USA - OSHA	OSHA PEL (TWA) (ppm)	1 ppm

Hydrogen peroxide (7722-84-1)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	3 mg/m³
Long-term - local effects, inhalation	1,4 mg/m³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	1,93 mg/m³
Long-term - local effects, inhalation	0,21 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0,0126 mg/l Assessment factor: 50
PNEC aqua (marine water)	0,0126 mg/l Assessment factor: 50
PNEC aqua (intermittent, freshwater)	0,0138 mg/l Assessment factor: 100
PNEC (Sediment)	
PNEC sediment (freshwater)	0,047 mg/kg dwt
PNEC sediment (marine water)	0,047 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,0023 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	4,66 mg/l Assessment factor: 100

9.2 Exposure controls

- | | |
|----------------------------------|---|
| Appropriate engineering controls | Provide adequate ventilation as well as local exhaust at critical locations. |
| Hand protection | Wear protective gloves. |
| Eye protection | Goggles. Face protection shield |
| Skin and body protection | Wear suitable protective clothing. |
| Respiratory protection | In case of insufficient ventilation, wear suitable respiratory equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. |



Other information : When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state : Liquid

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Colour	: Colourless.
Odour	: No data available
Odour threshold	: No data available
pH	: ca 1,5
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point	: -50 °C
Freezing point	: -20 °C
Boiling point	: No data available
Flash point	: No data available
Auto-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	: ca 1,2
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

May cause fire. Reacts violently with: Reducing agents.

10.2 Chemical stability

The product is stable in the test system for the test duration.

10.3 Possibility of hazardous reactions

Vapor mixes readily with air. Attacks : Organic compounds. Reacts violently with: Reducing agent. In use, may form flammable/explosive vapour-air mixture.

10.4 Conditions to avoid

open flames. Overheating. Direct sunlight.

10.5 Incompatible materials

No additional information available

10.6 Hazardous decomposition products

May release flammable gases.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity : Harmful by inhalation and if swallowed.

Cid Clean	
LD50 oral rat	1000 mg/kg
Hydrogen peroxide (7722-84-1)	
LD50 oral rat	1193 - 1270 mg/kg
LD50 dermal rabbit	> 2000 mg/kg

Irritation	: Corrosive pH: ca 1,5
Corrosivity	: Causes burns. pH: ca 1,5
Sensitisation	: Not applicable
Repeated dose toxicity	: No data available
Carcinogenicity	: No data available

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Mutagenicity : No data available
Toxicity for reproduction : No data available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified.

Cid Clean	
LC50 fishes 1	96h 16,4 mg/l
EC50 Daphnia 1	48h 2,4 mg/l
Additional ecotoxicological information	IC50 algae 72h, 4.3mg/l

Hydrogen peroxide (7722-84-1)

LC50 fishes 1	37,4 mg/l 96h
EC50 Daphnia 1	7,7 mg/l 24h

12.2 Persistence and degradability

Cid Clean	
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.
Biodegradation	> 95 %

12.3 Bioaccumulative potential

Cid Clean	
Bioaccumulative potential	No indication of bioaccumulation potential.

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) : Hazardous waste. Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

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

14.1 UN number

UN-No. (ADR) : 2014

14.2 UN proper shipping name

Proper Shipping Name (ADR) : HYDROGEN PEROXIDE, AQUEOUS SOLUTION

Transport document description (ADR) : UN 2014 HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1 (8), II, (E)

14.3 Transport hazard class(es)

Class (ADR) : 5.1

Danger labels (ADR) : 5.1, 8



14.4 Packing group

Packing group (UN) : II

14.5 Environmental hazards

Other information : No supplementary information available.

14.6 Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) : 58

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Classification code (ADR) : OC1

Orange plates



Tunnel restriction code (ADR) : E

Excepted quantities (ADR) : E2

EAC code : 2P

14.6.2. Transport by sea

EmS-No. (1) : F-H S-Q

14.6.3. Air transport

Instruction "cargo" (ICAO) : Packaging instructions cargo :506

Instruction "passenger" (ICAO) : Packaging instructions passenger:501

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

Contains no substances with Annex XVII restrictions

Cid Clean is not on the REACH Candidate List

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

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

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

Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Ox. Liq. 1	Oxidising Liquids, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H271	May cause fire or explosion; strong oxidiser
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H332	Harmful if inhaled
H335	May cause respiratory irritation
R20/22	Harmful by inhalation and if swallowed
R34	Causes burns
R35	Causes severe burns
R5	Heating may cause an explosion
R8	Contact with combustible material may cause fire

Cid Clean

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According to OSHA 29 CFR 1910.1200

C	Corrosive
O	Oxidising
Xn	Harmful

SDS_U

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