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

1.1. Product identifier

Product form : Mixture

Trade name : Keno™X 5

Product code : D52

Type of product : Disinfectant

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

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	Organization/Company	Address	Emergency number	Comment
Canada	CANUTEC Country Organization/Company Address Emergency number Comment		(613) 996-6666	
USA	American Association of Poison Control Centers		1-800-222-1222	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Labelling according to OSHA 29 CFR 1910.1200

Organic Peroxides, Type D	H242
Acute toxicity (oral) Category 4	H302
Acute toxicity (inhalation) Category 4	H332
Skin corrosion/irritation Category 1A	H314
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335
Hazardous to the aquatic environment - Chronic Hazard Category 1	H410

Full text of H statements : 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) :

GHS02 GHS05 GHS07 GHS09

Signal word (CLP) : Danger

Hazardous ingredients : Hydrogen peroxide; Peracetic acid

Hazard statements (CLP) : H242 - Heating may cause a fire or explosion.
H302+H332 - Harmful if swallowed or if inhaled.
H314 - Causes severe skin burns and eye damage.
H335 - May cause respiratory irritation.
H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P221 - Take any precaution to avoid mixing with combustibles.
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.
P303+P361+P353 - IF ON SKIN (or hair)Remove/Take off immediately all contaminated clothing.Rinse skin with water/shower.

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 Regulation (EC) No. 1272/2008 [CLP]
Hydrogen peroxide	(CAS-No.) 7722-84-1 (EC-No.) 231-765-0 (EC Index-No.) 8-003-00-9 (REACH-no) 01-2119485845-22	15 – 30	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Aquatic Chronic 3, H412
Acetic acid	(CAS-No.) 64-19-7 (EC-No.) 200-580-7 (EC Index-No.) 607-002-00-6 (REACH-no) 01-2119475328-30	5 – 15	Flam. Liq. 3, H226 Skin Corr. 1A, H314
Peracetic acid	(CAS-No.) 79-21-0 (EC-No.) 201-186-8 (EC Index-No.) 607-094-00-8 (REACH-no) 01-2119531330-56	1 – 5	Flam. Liq. 3, H226 Org. Perox. D, H242 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-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.

4.2. Most important symptoms and effects, both acute and delayed
Symptoms/effects after inhalation : Breathing difficulties. Cough. Sore throat.

Symptoms/effects after skin contact : Causes burns. Redness, pain.

Symptoms/effects after eye contact : Blurred vision. Redness, pain. Tears. Risk of serious damage to eyes.

Symptoms/effects after ingestion : Burning sensation. Cough. Cramps. May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Swallowing a small quantity of this material presents some health hazard. Must not come into contact with food or be consumed.

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 : All extinguishing media can be used.

5.2. Special hazards arising from the substance or mixture
Fire hazard : Heating may cause a fire.

Explosion hazard : Not expected to be a fire/explosion hazard under normal conditions of use.

Hazardous decomposition products in case of fire : Thermal decomposition generates toxic vapors.

5.3. Advice for firefighters

Precautionary measures fire : Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any chemical fire.

Firefighting instructions : Use water spray or fog for cooling exposed containers.

Protection during firefighting : Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. Wear fire/flame resistant/retardant clothing. Heat resistant gloves.

Other information : On exposure to high temperature, may decompose, releasing toxic gases.

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. Flush/dilute with water.

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

For containment : Use suitable disposal containers.

Methods for cleaning up : Collect spills and put it into appropriated container. Clean up any spills as soon as possible, using an absorbent material to collect it. Dilute residues and flush. 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 : When handling product, avoid contact with skin and eyes. Wear personal protective equipment. Do not breathe vapor/aerosol. Provide good ventilation in process area to prevent formation of vapor.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool well ventilated place. Do not store in corrodable metal. Keep container closed when not in use. Protect from freezing.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hydrogen peroxide (7722-84-1)		
Germany	TRGS 910 Acceptable concentration notes	
USA - ACGIH	ACGIH TWA (mg/m³)	1.4 mg/m³
USA - ACGIH	ACGIH TWA (ppm)	1 ppm

Acetic acid (64-19-7)		
Germany	TRGS 910 Acceptable concentration notes	
USA - ACGIH	ACGIH TWA (mg/m³)	25 mg/m³
USA - ACGIH	ACGIH TWA (ppm)	10 ppm
USA - ACGIH	ACGIH STEL (mg/m³)	37 mg/m³
USA - ACGIH	ACGIH STEL (ppm)	15 ppm

Hydrogen peroxide (7722-84-1)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	3 mg/m³

Hydrogen peroxide (7722-84-1)	
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

Acetic acid (64-19-7)	
DNEL/DMEL (Workers)	
Acute - local effects, inhalation	25 mg/m³
Long-term - local effects, inhalation	25 mg/m³
DNEL/DMEL (General population)	
Acute - local effects, inhalation	25 mg/m³
Long-term - local effects, inhalation	25 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	3.058 mg/l Assessment factor: 100
PNEC aqua (marine water)	0.3058 mg/l Assessment factor: 100
PNEC aqua (intermittent, freshwater)	30.58 mg/l Assessment factor: 10
PNEC (Sediment)	
PNEC sediment (freshwater)	11.36 mg/kg dwt
PNEC sediment (marine water)	1.136 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.47 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	85 mg/l Assessment factor: 10

Peracetic acid (79-21-0)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	0.6 mg/m³
Acute - local effects, dermal	0.12 % in mixture
Acute - local effects, inhalation	0.6 mg/m³
Long-term - systemic effects, inhalation	0.6 mg/m³
Long-term - local effects, inhalation	0.6 mg/m³
DNEL/DMEL (General population)	
Acute - systemic effects, inhalation	0.6 mg/m³
Acute - local effects, dermal	0.12 % in mixture
Acute - local effects, inhalation	0.3 mg/m³

Peracetic acid (79-21-0)	
Long-term - systemic effects, inhalation	0.6 mg/m³
Long-term - local effects, inhalation	0.6 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.000224 mg/l Assessment factor: 10
PNEC (Sediment)	
PNEC sediment (freshwater)	0.00018 mg/kg dwt
PNEC (Soil)	
PNEC soil	0.32 mg/kg dwt Assessment factor: 1000
PNEC (STP)	
PNEC sewage treatment plant	0.051 mg/l Assessment factor: 100

8.2. Exposure controls

Hand protection:

Wear suitable gloves resistant to chemical penetration

Type	Material	Permeation	Thickness (mm)	Permeation	Standard
Reusable gloves	Polyvinylchloride (PVC)	6 (> 480 minutes)	0.5	2 (< 1.5)	EN ISO 374

Eye protection:

Chemical goggles or face shield with safety glasses

Type	Use	Characteristics	Standard
Safety glasses	Droplet	Clear, Plastic.	EN 166

Skin and body protection:

Wear suitable protective clothing

Type	Standard
protective clothing	EN14605:2005+A1:2009

Respiratory protection:

Appropriate dust or mist respirator should be used if airborne particles are generated when handling this material

Device	Filter type	Condition	Standard
Reusable half mask	Filter ABEK2P3	Protection for Liquid particles, Vapour protection, Long term exposure	EN 14387

Personal protective equipment symbol(s):

Other information:

When using do not eat, drink or smoke. Provide local exhaust or general room ventilation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Color : Clear.
Odor : Pungent.
Odor threshold : No data available
pH : ≈ 3 (1%)
Relative evaporation rate (butyl acetate=1) : No data available
Melting point : -28 °C

Freezing point	: No data available
Boiling point	: 105 °C
Flash point	: 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: ≥ 60 °C May release : Oxygen.
Flammability (solid, gas)	: No data available
Vapor pressure	: 27 hPa
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Specific gravity / density	: 1.12 kg/l
Solubility	: Water: 100 %
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Explosion limits	: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity
10.1. Reactivity
None under normal conditions.
10.2. Chemical stability
The product is stable at normal handling and storage conditions.
10.3. Possibility of hazardous reactions
None under normal conditions.
10.4. Conditions to avoid
Heat.
10.5. Incompatible materials
Acids. Alkaline mixture. Reducing agents. metals. Organic compounds.
10.6. Hazardous decomposition products
Thermal decomposition generates : Oxygen.

SECTION 11: Toxicological information
11.1. Information on toxicological effects
Acute toxicity (oral)	: Harmful if swallowed or in contact with skin.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Harmful if inhaled.

Keno™X 5	
LD50 oral rat	ca 950 mg/kg
LD50 dermal rat	> 12000 mg/kg
LC50 inhalation rat (mg/l)	> 4080 mg/m³
ATE CLP (vapors)	11 mg/l/4h
ATE CLP (dust, mist)	1.5 mg/l/4h

Hydrogen peroxide (7722-84-1)	
LD50 oral rat	1193 – 1270 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 0.17 mg/l/4h

Acetic acid (64-19-7)	
LD50 oral rat	3310 mg/kg

Peracetic acid (79-21-0)	
LD50 dermal rabbit	1147 mg/kg (5%, PAA mixture)
LC50 inhalation rat (mg/l)	4h 4080 mg/m³ Aerosol, (5% PAA mixture)

Skin corrosion/irritation : Causes severe skin burns.
pH: ≈ 3 (1%)

Serious eye damage/irritation : Assumed to cause serious eye damage
pH: ≈ 3 (1%)

Respiratory or skin sensitization : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Very toxic to aquatic life with long lasting effects.

Keno™X 5	
LC50 fish 1	ca 25 mg/l 96h
EC50 Daphnia 1	ca 10 mg/l 48h
IC50, algae, algae	mg/l (Hours)

Hydrogen peroxide (7722-84-1)	
LC50 fish 1	37.4 mg/l 96h
EC50 Daphnia 1	7.7 mg/l 24h

Acetic acid (64-19-7)	
LC50 fish 1	> 300 mg/l
EC50 Daphnia 1	> 300 mg/l
EC50 other aquatic organisms 1	> 300 mg/l
ErC50 (algae)	> 300 mg/l

12.2. Persistence and degradability

Keno™X 5	
Persistence and degradability	Biodegradable.
Biodegradation	100 %

12.3. Bioaccumulative potential

Keno™X 5	
Bioaccumulative potential	No bioaccumulation.

Hydrogen peroxide (7722-84-1)	
Partition coefficient n-octanol/water (Log Pow)	-1.57

Acetic acid (64-19-7)	
Partition coefficient n-octanol/water (Log Kow)	-0.17

Peracetic acid (79-21-0)	
Partition coefficient n-octanol/water (Log Kow)	-0.26

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.

Waste treatment methods : Dispose of this material and its container at hazardous or special waste collection point. Hazardous waste due to toxicity. Avoid release to the environment. Dispose in a safe manner in accordance with local/national regulations.

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : When totally empty, containers are recyclable like any other packing. Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

SECTION 14: Transport information
In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number
UN-No. (ADR) : UN 3149

UN-No. (IMDG) : UN 3149

UN-No. (IATA) : UN 3149

UN-No. (ADN) : UN 3149

UN-No. (RID) : UN 3149

14.2. UN proper shipping name
Proper Shipping Name (ADR) : HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED

Proper Shipping Name (IMDG) : HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED

Proper Shipping Name (IATA) : Hydrogen peroxide and peroxyacetic acid mixture stabilized

Proper Shipping Name (ADN) : HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

Proper Shipping Name (RID) : HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED

Transport document description (ADR) : UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II, (E), ENVIRONMENTALLY HAZARDOUS

Transport document description (IMDG) : UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS

Transport document description (IATA) : UN 3149 Hydrogen peroxide and peroxyacetic acid mixture stabilized, 5.1, II, ENVIRONMENTALLY HAZARDOUS

Transport document description (ADN) : UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED, 5.1 (8), II, ENVIRONMENTALLY HAZARDOUS

Transport document description (RID) : UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE, STABILIZED, 5.1 (8), II, ENVIRONMENTALLY HAZARDOUS

14.3. Transport hazard class(es)
ADR

Transport hazard class(es) (ADR) : 5.1 (8)

Hazard labels (ADR) : 5.1, 8

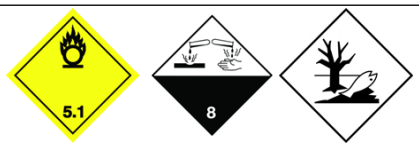
:

IMDG

Transport hazard class(es) (IMDG) : 5.1 (8)

Hazard labels (IMDG) : 5.1, 8

:



IATA

Transport hazard class(es) (IATA) : 5.1 (8)

Hazard labels (IATA) : 5.1, 8

:

ADN

Transport hazard class(es) (ADN) : 5.1 (8)

Hazard labels (ADN) : 5.1, 8

:

RID

Transport hazard class(es) (RID) : 5.1 (8)

Hazard labels (RID) : 5.1, 8

:

14.4. Packing group

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

Packing group (ADN) : II

Packing group (RID) : II

14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

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

14.6. Special precautions for user

Special transport precautions : Ensure vehicle driver is aware of the potential hazards of the load and knows what to do in the event of an accident or an emergency, No naked flames, sparks, and do not smoke, Keep public away from danger area, NOTIFY POLICE AND FIRE BRIGADE IMMEDIATELY

Overland transport

Classification code (ADR) : OC1

Special provision (ADR) : 196, 553

Limited quantities (ADR) : 1l

Excepted quantities (ADR) : E2

Packing instructions (ADR) : P504, IBC02

Special packing provisions (ADR) : PP10, B5

Mixed packing provisions (ADR) : MP15

Portable tank and bulk container instructions (ADR) : T7

Portable tank and bulk container special provisions (ADR) : TP2, TP6, TP24

Tank code (ADR) : L4BV(+)

Tank special provisions (ADR) : TU3, TC2, TE8, TE11, TT1

Vehicle for tank carriage	: AT
Transport category (ADR)	: 2
Special provisions for carriage - Loading, unloading and handling (ADR)	: CV24
Hazard identification number (Kemler No.)	: 58
Orange plates	: 
Tunnel restriction code (ADR)	: E

Transport by sea

Special provision (IMDG)	: 196
Limited quantities (IMDG)	: 1 L
Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P504
Packing provisions (IMDG)	: PP10
IBC packing instructions (IMDG)	: IBC02
IBC special provisions (IMDG)	: B5
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP2, TP6, TP24
EmS-No. (Fire)	: F-H
EmS-No. (Spillage)	: S-Q
Stowage category (IMDG)	: D
MFAG-No	: 154

Air transport

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y540
PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 550
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 554
CAO max net quantity (IATA)	: 5L
Special provision (IATA)	: A96
ERG code (IATA)	: 5C

Inland waterway transport

Classification code (ADN)	: OC1
Special provision (ADN)	: 196, 553
Limited quantities (ADN)	: 1 L
Excepted quantities (ADN)	: E2
Equipment required (ADN)	: PP, EP
Number of blue cones/lights (ADN)	: 0

Rail transport

Classification code (RID)	: OC1
Special provision (RID)	: 196, 553
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P504, IBC02
Special packing provisions (RID)	: PP10, B5
Mixed packing provisions (RID)	: MP15
Portable tank and bulk container instructions (RID)	: T7
Portable tank and bulk container special provisions (RID)	: TP2, TP6, TP24
Tank codes for RID tanks (RID)	: L4BV(+)
Special provisions for RID tanks (RID)	: TU3, TC2, TE8, TE11, TT1
Transport category (RID)	: 2
Special provisions for carriage - Loading, unloading and handling (RID)	: CW24

Colis express (express parcels) (RID)	: CE6
Hazard identification number (RID)	: 58

14.7. Transport in bulk according to Annex II of Marpol 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 REACH substances with Annex XVII restrictions
Contains no REACH candidate substance
Contains no REACH Annex XIV substances.
Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.
Contains no substance(s) subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Other information : DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

Full text of H- and EUH-phrases:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhalation) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment - Chronic Hazard Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Flam. Liq. 3	Flammable liquids Category 3
Org. Perox. D	Organic Peroxides, Type D
Skin Corr. 1A	Skin corrosion/irritation Category 1A
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H242	Heating may cause a fire or explosion.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

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.