

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

1.1. Product identifier

Product form : Mixture
Product name : CircoGreen SFM

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : For professional use only
Use of the substance/mixture : Disinfectant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Supplier

GEA Farm Technologies GmbH

Siemensstraße 25-27

59199 Bönen - Germany

T + 49 (0) 23839370

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

Distributor

GEA Farm Technologies (UK) Ltd.

Wylle Works, Watery Lane, Bishopstrow,

Warminster, Wiltshire BA12 9HT - United Kingdom

T + 44 (0)1985 216444

1.4. Emergency telephone number

Emergency number : 24 Hour Emergency Telephone No. for advice on chemical emergencies, spillages, fires or
First Aid: +44 (0) 870 1906777 (GEA Farm Technologies)
NATIONAL: In England and Wales: 111, In Scotland: 111
INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Oxidising Liquids, Category 2	H272
Corrosive to metals, Category 1	H290
Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 4	H312
Acute toxicity (inhal.), Category 4	H332
Skin corrosion/irritation, Category 1B	H314
Serious eye damage/eye irritation, Category 1	H318
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

May intensify fire; oxidiser. May be corrosive to metals. Harmful in contact with skin. Harmful if inhaled. Harmful if swallowed. May cause respiratory irritation. Causes severe skin burns and eye damage. Causes serious eye damage. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP)



GHS03

GHS05

GHS07

GHS09

Signal word (CLP)

: Danger

Hazardous ingredients

: hydrogen peroxide solution ; peracetic acid

Hazard statements (CLP)

: H272 - May intensify fire; oxidiser.
H290 - May be corrosive to metals.
H302+H312+H332 - Harmful if swallowed, in contact with skin 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) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220 - Keep away from clothing and other combustible materials.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P390 - Absorb spillage to prevent material damage.
P310 - Immediately call a POISON CENTER, a doctor.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P273 - Avoid release to the environment.

2.3. Other hazards

Other hazards not contributing to the classification : Use as a biocide. To avoid thermal decomposition, do not overheat.
PBT : Not applicable.
vPvB : Not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Comments : Aqueous solution

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
hydrogen peroxide solution	(CAS-No.) 7722-84-1 (EC-No.) 231-765-0 (EC Index-No.) 008-003-00-9 (REACH-no) 01-2119485845-22	20 - <25	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 STOT SE 3, H335 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	>= 10 - < 15	Flam. Liq. 3, H226 Skin Corr. 1A, H314
peracetic acid (Note D)	(CAS-No.) 79-21-0 (EC-No.) 201-186-8 (EC Index-No.) 607-094-00-8	>= 5 - < 10	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
Alcohols, C6-12, ethoxylated	(CAS-No.) 68439-45-2	< 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Specific concentration limits:

Name	Product identifier	Specific concentration limits
hydrogen peroxide solution	(CAS-No.) 7722-84-1 (EC-No.) 231-765-0 (EC Index-No.) 008-003-00-9 (REACH-no) 01-2119485845-22	(5 =<C < 8) Eye Irrit. 2, H319 (8 =<C < 50) Eye Dam. 1, H318 (C >= 35) STOT SE 3, H335 (35 =<C < 50) Skin Irrit. 2, H315 (50 =<C < 70) Skin Corr. 1B, H314 (50 =<C < 70) Ox. Liq. 2, H272 (C >= 63) Aquatic Chronic 3, H412 (C >= 70) Skin Corr. 1A, H314 (C >= 70) Ox. Liq. 1, H271
Acetic acid	(CAS-No.) 64-19-7 (EC-No.) 200-580-7 (EC Index-No.) 607-002-00-6 (REACH-no) 01-2119475328-30	(10 =<C < 25) Eye Irrit. 2, H319 (10 =<C < 25) Skin Irrit. 2, H315 (25 =<C < 90) Skin Corr. 1B, H314 (C >= 90) Skin Corr. 1A, H314
peracetic acid	(CAS-No.) 79-21-0 (EC-No.) 201-186-8 (EC Index-No.) 607-094-00-8	(C >= 1) STOT SE 3, H335

Note D : Certain substances which are susceptible to spontaneous polymerisation or decomposition are generally placed on the market in a stabilised form. It is in this form that they are listed in Part 3. However, such substances are sometimes placed on the market in a non-stabilised form. In this case, the supplier must state on the label the name of the substance followed by the words 'non-stabilised'.

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Take off contaminated clothes. Call a physician immediately.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, seek medical advice. Apply artificial respiration if breathing stopped. Call a physician immediately.
First-aid measures after skin contact	: Rinse skin with water/shower. Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact	: Wash immediately with plenty water (during 20 minutes), also under eyelids. Consult an eye specialist. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion	: Drink plenty of water. Rinse mouth. Do not induce vomiting. Call a physician immediately.

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

Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after skin contact	: Burns.
Symptoms/effects after eye contact	: Serious damage to eyes.
Symptoms/effects after ingestion	: Gastric perforation. Burns.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire. Water spray. Dry powder. Foam. Carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Fire hazard	: May intensify fire; oxidiser.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Phosphorus oxides. Nitrous gasses.

5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Keep public away from danger area.
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6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area. Wear personal protective equipment. No open flames, no sparks, and no smoking. Avoid contact with skin, eyes and clothing. Do not breathe dust/fume/gas/mist/vapours/spray.
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6.1.2. For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Keep container tightly closed. Avoid contact with skin, eyes and clothing. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray.
Hygiene measures	: Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in corrosive resistant container with a resistant inner liner. Keep only in original container. Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.
Incompatible materials	: Bases. combustible materials. Metals.
Information on mixed storage	: Keep away from food, drink and animal feeding stuffs.
Packaging materials	: Don't use packaging made out of aluminium, zinc or tin.

7.3. Specific end use(s)

See Heading 1.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Acetic acid (64-19-7)		
EU	Local name	Acetic acid
EU	IOELV TWA (mg/m ³)	25 mg/m ³
EU	IOELV TWA (ppm)	10 ppm
EU	IOELV STEL (mg/m ³)	50 mg/m ³
EU	IOELV STEL (ppm)	20 ppm
EU	Regulatory reference	COMMISSION DIRECTIVE (EU) 2017/164
United Kingdom	Local name	Acetic acid
United Kingdom	WEL TWA (mg/m ³)	25 mg/m ³
United Kingdom	WEL STEL (mg/m ³)	50 mg/m ³
United Kingdom	Regulatory reference	EH40. HSE

8.2. Exposure controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Hand protection:

Please follow the instructions related to the permeability and the penetration time provided by the manufacturer

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Butyl rubber	6 (> 480 minutes)	0,5		EN 374

Eye protection:

Eyewash bottle with clean water. Safety glasses

Type	Use	Characteristics	Standard
Safety goggles	Liquid splashes may occur	With side shields	EN 166

Skin and body protection:

Acid-resistant clothing

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

Device	Filter type	Condition	Standard
Breathing apparatus with filter	Type P2, ABEK		

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless. clear
Odour	: Pungent
Odour threshold	: No data available
pH	: < 2
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: ≈ -42 °C
Freezing point	: No data available
Boiling point	: ≈ 105 °C
Flash point	: 74 - 83 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: ≥ 60 °C SADT
Flammability (solid, gas)	: Not applicable
Vapour pressure	: 32 hPa
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1.1 g/cm ³
Solubility	: Soluble in organic solvents. Water: completely miscible
Log Pow	: -1.25
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

VOC content	: 0 %
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SECTION 10: Stability and reactivity

10.1. Reactivity

May cause or intensify fire; oxidiser. May intensify fire; oxidiser.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Reducing agents. alkalis. Exothermic reaction on contact with : Heating may cause a fire or explosion. Risk of bursting.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.

10.5. Incompatible materials

reducing materials. alkalis. Flammable materials. Combustible materials. metals.

10.6. Hazardous decomposition products

Oxygen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Oral: Harmful if swallowed.
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Acute toxicity (dermal) : Dermal: Harmful in contact with skin.
Acute toxicity (inhalation) : Inhalation: Harmful if inhaled.

ATE CLP (oral)	1562.5 mg/kg bodyweight
ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (gases)	4500 ppmv/4h
ATE CLP (vapours)	11 mg/l/4h
ATE CLP (dust,mist)	1.5 mg/l/4h

Acetic acid (64-19-7)

LD50 oral	3310 mg/kg
LD50 dermal	1060 mg/kg

Skin corrosion/irritation : Causes severe skin burns and eye damage.
pH: < 2
Serious eye damage/irritation : Causes serious eye damage.
pH: < 2
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified

hydrogen peroxide solution (7722-84-1)

IARC group	3 - Not classifiable
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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

Ecology - general : Very toxic to aquatic life with long lasting effects.
Acute aquatic toxicity : Not classified
Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

Acetic acid (64-19-7)

EC50 Daphnia 1	65 mg/l
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12.2. Persistence and degradability

CircoGreen SFM

Persistence and degradability	Biodegradable.
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12.3. Bioaccumulative potential

CircoGreen SFM

Log Pow	-1.25
Bioaccumulative potential	Not potentially bioaccumulable.

12.4. Mobility in soil

CircoGreen SFM

Ecology - soil	In water, material soluble.
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12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

Other adverse effects : May cause pH changes in aqueous ecological systems.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods	: Disposal in accordance with local regulations. Should not be disposed of with household waste. Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Do not discharge into drains.
Product/Packaging disposal recommendations	: Do not dispose of with domestic waste. Do not re-use empty containers without proper cleaning or reconditioning. When not empty dispose of this container at hazardous or special waste collection point.
Additional information	: Recommended cleaning agent: Water with detergents.
Ecology - waste materials	: Avoid release to the environment.
European List of Waste (LoW) code	: 02 01 08* - agrochemical waste containing dangerous substances

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
3149	3149	3149	3149	3149
14.2. UN proper shipping name				
HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED	Hydrogen peroxide and peroxyacetic acid mixture stabilized	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED	HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED
Transport document description				
UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II, (E), ENVIRONMENTALLY HAZARDOUS	UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS	UN 3149 Hydrogen peroxide and peroxyacetic acid mixture stabilized, 5.1, II, ENVIRONMENTALLY HAZARDOUS	UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II, ENVIRONMENTALLY HAZARDOUS	UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II, ENVIRONMENTALLY HAZARDOUS
14.3. Transport hazard class(es)				
5.1 (8)	5.1 (8)	5.1 (8)	5.1 (8)	5.1 (8)
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment: Yes	Dangerous for the environment: Yes Marine pollutant: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes	Dangerous for the environment: Yes
No supplementary information available				

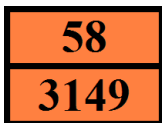
14.6. Special precautions for user

Overland transport

Classification code (ADR)	: OC1
Limited quantities (ADR)	: 1I
Excepted quantities (ADR)	: E2
Packing instructions (ADR)	: P504, IBC02
Special packing provisions (ADR)	: PP10, B5
Mixed packing provisions (ADR)	: MP15
Transport category (ADR)	: 2

Hazard identification number (Kemler No.) : 58

Orange plates :



Tunnel restriction code (ADR) : E

EAC code : 2P

Transport by sea

Packing instructions (IMDG) : P504

EmS-No. (Fire) : F-H

EmS-No. (Spillage) : S-Q

Stowage and handling (IMDG) : SW1

Segregation (IMDG) : SG16, SG59, SG72

Properties and observations (IMDG) : Colourless liquid. Carried as an aqueous solution. Slowly decomposes, evolving oxygen; the rate of decomposition increases on contact with most metals. In contact with combustible material may cause fire. Causes burns to skin, eyes and mucous membranes. Even though stabilized, these solutions may evolve oxygen.

MFAG-No : 145

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 provisions (IATA) : A96

ERG code (IATA) : 5C

Inland waterway transport

Classification code (ADN) : OC1

Special provisions (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

Limited quantities (RID) : 1L

Excepted quantities (RID) : E2

Packing instructions (RID) : P504, IBC02

Transport category (RID) : 2

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 substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 0 %

Seveso Additional information : OXIDISING LIQUIDS AND SOLIDS
Oxidising Liquids, Category 1, 2 or 3, or
Oxidising Solids, Category 1, 2 or 3; Hazardous to the Aquatic Environment in Category
Acute 1 or Chronic 1

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

All chapters have been modified since the previous version.

Abbreviations and acronyms:

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
DOT	Department of Transport
TDG	Transportation of Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
IARC	International Agency for Research on Cancer
vPvB	Very Persistent and Very Bioaccumulative
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
CAS	CAS (Chemical Abstracts Service) number
IBC-Code	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ATE	Acute Toxicity Estimate
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
BCF	Bioconcentration factor
MARPOL 73/78	MARPOL 73/78: International Convention for the Prevention of Pollution From Ships
ADG	Transport of Australian Dangerous Goods

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Raw material supplier's SDS.

Other information : Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Full text of H- and EUH-statements:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), 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
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Met. Corr. 1	Corrosive to metals, Category 1
Org. Perox. D	Organic Peroxides, Type D

Ox. Liq. 1	Oxidising Liquids, Category 1
Ox. Liq. 2	Oxidising Liquids, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
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.
H271	May cause fire or explosion; strong oxidiser.
H272	May intensify fire; oxidiser.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious 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.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Ox. Liq. 2	H272	
Met. Corr. 1	H290	
Acute Tox. 4 (Oral)	H302	
Acute Tox. 4 (Dermal)	H312	
Acute Tox. 4 (Inhalation)	H332	
Skin Corr. 1B	H314	
Eye Dam. 1	H318	
STOT SE 3	H335	
Aquatic Chronic 1	H410	

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