

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

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

1.1. Product identifier

Cresoli solut saponata

Item No. 21140000

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

Use of the substance/preparation

Pharmaceutical excipient

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 3 H301

Acute Tox. 3 H311

Skin Corr. 1B H314

Eye Dam. 1 H318

Muta. 2 H341

Aquatic Chronic 3 H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements ***

H314

Causes severe skin burns and eye damage.

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

H341 Suspected of causing genetic defects.
H412 Harmful to aquatic life with long lasting effects.
H301+H311 Toxic if swallowed or in contact with skin.

Precautionary statements ***

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains *** phenol; mix-cresol; 3,4-xylenol

Reduced labeling (<= 125 ml)**Hazard pictograms *******Signal word *****

Danger

Hazard statements ***

H314 Causes severe skin burns and eye damage.
H341 Suspected of causing genetic defects.
H412 Harmful to aquatic life with long lasting effects.
H301+H311 Toxic if swallowed or in contact with skin.

Precautionary statements ***

P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
P501.3 Disposal in compliance with local and national regulations.

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients *****Chemical characterization**

substances

Hazardous ingredients *****mix-cresol**

CAS No. 1319-77-3

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

EINECS no. 215-293-2
 Registration no. 01-2119565142-45-0000
 Concentration \geq 50 < 72 %
 Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 3 H301
 Acute Tox. 3 H311
 Skin Corr. 1B H314

ATE oral 121 mg/kg
 ATE dermal 301 mg/kg

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C

3,4-xylenol

CAS No. 1300-71-6
 EINECS no. 215-089-3
 Registration no. 01-2120114882-59-0000
 Concentration \geq 10 < 15 %
 Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 3 H301
 Acute Tox. 3 H311
 Skin Corr. 1B H314
 Aquatic Chronic 2 H411

ATE oral 980 mg/kg
 cATpE dermal 300 mg/kg

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C

phenol

CAS No. 108-95-2
 EINECS no. 203-632-7
 Registration no. 01-2119471329-32-XXXX
 Concentration \geq 3 < 5 %
 Classification (Regulation (EC) No. 1272/2008)
 Acute Tox. 3 H301
 Acute Tox. 3 H311
 Acute Tox. 3 H331
 Skin Corr. 1B H314
 Muta. 2 H341
 STOT RE 2 H373

Concentration limits (Regulation (EC) No. 1272/2008)

H314 \geq 3 %
 H315 \geq 1 < 3 %
 H319 \geq 1 < 3 %

ATE oral 100.1 mg/kg
 ATE dermal 660 mg/kg
 ATE inhalative, Dust/Mist 0.51 mg/l

Further ingredients**potassium stearate**

Concentration \geq 25 < 50 %
 Advice: [4]

fatty acid

Concentration \geq 10 < 25 %
 Advice: [4]

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

water

| | | | | | |
|---------------|-----------|---|---|----|---|
| CAS No. | 7732-18-5 | | | | |
| EINECS no. | 231-791-2 | | | | |
| Concentration | >= | 1 | < | 10 | % |
| Advice: [4] | | | | | |

Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Adhere to personal protective measures when giving first aid. Remove affected person from danger area, lay him down. Take off contaminated clothing and shoes immediately.

After inhalation

Remove the casualty into fresh air and keep him calm. If the patient is likely to become unconscious, place and transport in stable sideways position. Take medical treatment.

After skin contact

After contact with skin, wash immediately with polyethylene glycol, followed by plenty of water. Wash off immediately with soap and water and rinse well. Take medical treatment.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Summon a doctor immediately.

4.3. Indication of any immediate medical attention and special treatment needed**Hints for the physician / treatment**

Symptomatic treatment (decontamination, vital functions).

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with alcohol-resistant foam.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO)

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Do not inhale explosion and/or combustion gases.

Other information

Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep away unprotected persons.

6.2. Environmental precautions

Retain and dispose of contaminated wash water. Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

Take up with absorbent material (eg sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal. When picked up, treat material as prescribed under Section 13 "Disposal". Ensure adequate ventilation.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary). If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Advice on protection against fire and explosion

Take action to prevent static discharges. Keep away from sources of ignition - No smoking.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in original packaging. Keep container tightly closed in a well-ventilated place.

Hints on storage assembly

Do not store with oxidizing agents.

Storage classes

| | | |
|-------------------------------------|------|---|
| Storage class according to TRGS 510 | 6.1A | Combustible substances of acute toxicity categories 1 and 2 / very toxic hazardous substances |
| Storage category (Switzerland) | 6.1 | Toxic substances |

Further information on storage conditions

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limit values****mix-cresol**

| | | | | |
|--|------|-------------------|---|--------|
| List | SUVA | | | |
| Type | MAK | | | |
| Value | 22 | mg/m ³ | 5 | ppm(V) |
| Short term exposure limit | 22 | mg/m ³ | 5 | ppm(V) |
| Skin resorption / sensibilisation: H Remarks: H; OAW; INRS, NIOSH, OSHA | | | | |

8.2. Exposure controls**General protective and hygiene measures**

Observe the usual precautions for handling chemicals. Keep away from food-stuffs, beverages and feed-

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Store work clothing separately. Avoid contact with skin and eyes.

Respiratory protection

Short term: filter apparatus; At intensive and longer exposition use self-contained breathing apparatus.
Gas filter A. Multi-purpose filter ABEK

Hand protection

Appropriate Material

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Gloves

Appropriate Material

nitrile rubber - NBR

Material thickness

≥ 0.425 mm

Breakthrough time

> 60 min

Gloves

Appropriate Material

Butyl rubber - Butyl

Material thickness

≥ 0.7 mm

Breakthrough time

> 480 min

Eye protection

Tightly fitting safety glasses; Safety goggles

Body protection

Protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Physical state**

viscous liquid

Colour

yellowish to brownish, clear

Odour

phenolic

Melting point

Remarks

not determined

Boiling point or initial boiling point and boiling range

Remarks

Not applicable

Flammability

evaluation

Not self inflammable

Upper and lower explosive limits

Remarks

not determined

Flash point

Value

> 80 °C

Source

Estimated value

Auto-ignition temperature

Remarks

not determined

pH value

Value

appr. 9 to 10

Vapour pressure

Value

> 0.05 to 0.3 mbar

Source

Estimated value

Density and/or relative density

Remarks

not determined

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

9.2. Other information**Solubility in water**

Remarks not determined

Other information

The physical data information is analogous to the contents of the product.

SECTION 10: Stability and reactivity**10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Compounds of iron (III), Acids, Formation of explosive gas/air mixtures.

10.6. Hazardous decomposition products

None

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

| | | |
|-----|---------|-------|
| ATE | 210.118 | mg/kg |
| | 1 | |

| | |
|---------|--|
| Method | calculated value according to GHS (e.g see UN GHS) |
| Remarks | The classification criteria are met. |

Acute oral toxicity (Components)**phenol**

| | | |
|--------|--|-------|
| | 100.1 | mg/kg |
| Method | calculated value (Regulation (EC) No. 1272/2008) | |

mix-cresol

| | | |
|---------|------------|-------|
| Species | rat (male) | |
| LD50 | 121 | mg/kg |
| Source | o-cresol | |

3,4-xylenol

| | | |
|---------|----------|-------|
| Species | rat | |
| LD50 | 980 | mg/kg |
| Method | OECD 425 | |

Acute dermal toxicity

| | | |
|---------|--|-------|
| ATE | 464.354 | mg/kg |
| Method | calculated value according to GHS (e.g see UN GHS) | |
| Remarks | The classification criteria are met. | |

Acute dermal toxicity (Components)**phenol**

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

| | | |
|---------|--------------|-------|
| Species | rat (female) | |
| LD50 | 660 | mg/kg |
| Method | OECD 402 | |

mix-cresol

| | | |
|---------|----------|-------|
| Species | rabbit | |
| LD50 | 301 | mg/kg |
| Source | p-cresol | |

Acute inhalational toxicity

| | | |
|---------------------|---|------|
| ATE | 10.201 | mg/l |
| Administration/Form | Dust/Mist | |
| Method | calculated value according to GHS (e.g see UN GHS) | |
| Remarks | Based on available data, the classification criteria are not met. | |

Acute inhalative toxicity (Components)**phenol**

| | | |
|----------------------|--|------|
| | 0.51 | mg/l |
| Duration of exposure | 4 | h |
| Administration/Form | Dust/Mist | |
| Method | calculated value (Regulation (EC) No. 1272/2008) | |

mix-cresol

| | | |
|----------------------|----------|------|
| Species | rat | |
| LC0 | 0.71 | mg/l |
| Duration of exposure | 1 | h |
| Source | p-cresol | |

Skin corrosion/irritation

| | |
|------------|--------------------------------------|
| evaluation | corrosive |
| Remarks | The classification criteria are met. |

Skin corrosion/irritation (Components)**phenol**

| | |
|------------|-----------|
| evaluation | corrosive |
| Method | OECD 431 |

Serious eye damage/irritation

| | |
|------------|--------------------------------------|
| evaluation | corrosive |
| Remarks | The classification criteria are met. |

Serious eye damage/irritation (Components)**phenol**

| | |
|------------|---|
| Species | rabbit |
| evaluation | irritant effect possible |
| Method | OECD 405 |
| Remarks | Influence of the product with the eyes can lead to blindness. |

Sensitization

| | |
|---------|---|
| Remarks | Based on available data, the classification criteria are not met. |
|---------|---|

Sensitization (Components)**phenol**

| | |
|------------|-----------------|
| Species | guinea pig |
| evaluation | non-sensitizing |

Mutagenicity

| | |
|------------|---------------------------------------|
| evaluation | Suspected of causing genetic defects. |
| Remarks | The classification criteria are met. |

Mutagenicity (Components)**phenol**

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

Species evaluation hamster
Method Information on genotoxicity in vitro available.
OECD 473

mix-cresol

Species evaluation hamster
Method Information on genotoxicity in vitro available.
OECD 473
Source CHE, CHO

mix-cresol

Species evaluation mammal, species unspecified
Method No experimental information on genotoxicity in vitro available.
in vitro

3,4-xylenol

evaluation No experimental information on genotoxicity in vitro available.
Method OECD 471

Reproductive toxicity

Remarks Based on available data, the classification criteria are not met.

Reproduction toxicity (Components)**phenol**

Remarks No data available

Carcinogenicity

Remarks Based on available data, the classification criteria are not met.

Carcinogenicity (Components)**phenol**

Remarks not determined

mix-cresol

Species rat
Dose appr. 720 mg/kg
Duration of exposure 730 d
evaluation Indications of possible carcinogenic effects in animal studies are available.
Method OECD TG 451
Source m,p-cresol-mix, 60:40

3,4-xylenol

Species rat
evaluation No negative effects
Method OECD 451

Specific Target Organ Toxicity (STOT)**Single exposure**

Remarks Based on available data, the classification criteria are not met.

Repeated exposure

Remarks Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) (Components)**phenol****Single exposure**

Remarks No data available

phenol**Repeated exposure**

evaluation May cause damage to organs through prolonged or repeated exposure
Organs: Nervous system

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

phenol**Repeated exposure evaluation**

May cause damage to organs through prolonged or repeated exposure
Organs: Kidneys

phenol**Repeated exposure evaluation**

May cause damage to organs through prolonged or repeated exposure
Organs: Liver

phenol**Repeated exposure evaluation**

May cause damage to organs through prolonged or repeated exposure
Organs: Skin

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Experience in practice

After Swallowing: burns in mouth, throat, oesophagus and gastrointestinal tract. Risk of perforation in the oesophagus and stomach.

Other information

The toxicological information is based on the main components.
By appropriate use of the product no health damage is known.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****phenol**

| | | | |
|----------------------|---------------------------------|---|------|
| Species | Trout | | |
| LC50 | 8.9 | | mg/l |
| Duration of exposure | 96 | h | |
| Method | Flow test; FIFRA Guideline 72-1 | | |

phenol

| | | | |
|----------------------|-------|---|------|
| NOEC | 0.077 | | mg/l |
| Duration of exposure | 60 | d | |
| Source | ECHA | | |

3,4-xylenol

| | | | |
|----------------------|---|---|------|
| Species | Fathead minnow (<i>Pimephales promelas</i>) | | |
| LC50 | 10.4 | | mg/l |
| Duration of exposure | 96 | h | |

Daphnia toxicity (Components)**phenol**

| | | | |
|----------------------|--------------------|---|------|
| Species | Ceriodaphnia dubia | | |
| EC50 | 3.1 | | mg/l |
| Duration of exposure | 48 | h | |
| Method | static test | | |

phenol

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

| | | |
|----------------------|---------------|------|
| Species | Daphnia magna | |
| NOEC | 0.16 | mg/l |
| Duration of exposure | 16 | d |
| Source | ECHA | |

mix-cresol

| | | |
|---------|---------------|------|
| Species | Daphnia magna | |
| | 7.7 | mg/l |
| Method | DIN 38412 | |
| Source | p-cresol | |

3,4-xylenol

| | | |
|---------|----------|------|
| Species | Daphnia | |
| EC50 | 7.7 | mg/l |
| Method | OECD 201 | |

Algae toxicity (Components)**phenol**

| | | |
|----------------------|---------------------------------|------|
| Species | Pseudokirchneriella subcapitata | |
| EC50 | 61.1 | mg/l |
| Duration of exposure | 96 | h |

Bacteria toxicity (Components)**phenol**

| | | |
|----------------------|----------------|------|
| Species | Microorganisms | |
| IC50 | 21 | mg/l |
| Duration of exposure | 24 | h |
| Source | ECHA | |

mix-cresol

| | | |
|----------------------|------------------|------|
| Species | activated sludge | |
| IC50 | 440 | mg/l |
| Duration of exposure | 2 | h |
| Source | p-cresol | |

12.2. Persistence and degradability**Biodegradability (Components)****phenol**

| | | |
|------------------|-----------------------|---|
| Value | 62 | % |
| Duration of test | 100 | h |
| evaluation | Readily biodegradable | |
| Method | OECD 301C | |

Chemical oxygen demand (COD) (Components)**phenol**

| | | |
|--------|--------|------|
| Value | 2300 | mg/g |
| Source | IUCLID | |

Biochemical oxygen demand (BOD5) (Components)**phenol**

| | | |
|------------------|--------|------|
| Value | 1680 | mg/g |
| Duration of test | 5 | d |
| Source | IUCLID | |

12.3. Bioaccumulative potential**Octanol/water partition coefficient (log Pow) (Components)****phenol**

| | | |
|-------------|------|----|
| log Pow | 1.47 | |
| Temperature | 30 | °C |

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

Source

ECHA

12.4. Mobility in soil**Mobility in soil (Components)****3,4-xylenol**

Mobile in soils

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The product contains no PBT substances

The product contains no vPvB substances.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects**General information / ecology**

Do not allow it to reach ground water, water bodies or sewage system. Hazard for drinking water supplies. Product is hazardous to water.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information ***

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

| | Land transport ADR/RID *** | Marine transport IMDG/GGVSee *** | Air transport ICAO/IATA *** |
|----------------------------------|--|--|--|
| 14.1. UN number or ID number | 2076 | 2076 | 2076 |
| 14.2. UN proper shipping name | CRESOLS, LIQUID, (mix-cresol, 3,4-xylenol) | CRESOLS, LIQUID, (mix-cresol, 3,4-xylenol) | CRESOLS, LIQUID, (mix-cresol, 3,4-xylenol) |
| 14.3. Transport hazard class(es) | 6.1 | 6.1 | 6.1 |
| Subsidiary risk | 8 | 8 | 8 |
| Label | | | |
| 14.4. Packing group | II | II | II |
| Limited Quantity | 100 ml | 100 ml | |
| Transport category | 2 | | |
| 14.5. Environmental hazards | - | | |
| Tunnel restriction code | D/E | | |

SECTION 15: Regulatory information ***

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

Water Hazard Class (Germany) ***

Water Hazard Class (Germany) WGK 3

Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

Other regulations, restrictions and prohibition regulations

to observe: TRGS 514 "Storage of highly poisonous and poisonous substances in packagings and transportable containers".

BG Data Sheet M 018 "Phenols, Cresols and Xylenols"

Other information ***

The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of $\geq 0.1\%$ w/w.

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

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

Classification (Regulation (EC) No. 1272/2008)

Acute Tox. 3

H301

Calculation method

Trade name: Cresoli solut saponata

Substance number: 211400

Version: 5 / CH

Date revised: 22.09.2025

Replaces Version: 4 / CH

Print date: 22.09.25

| | | |
|-------------------|------|--------------------|
| Acute Tox. 3 | H311 | Calculation method |
| Skin Corr. 1B | H314 | Calculation method |
| Eye Dam. 1 | H318 | Calculation method |
| Muta. 2 | H341 | Calculation method |
| Aquatic Chronic 3 | H412 | Calculation method |

Hazard statements listed in Chapter 2/3

| | |
|------|--|
| H301 | Toxic if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H331 | Toxic if inhaled. |
| H341 | Suspected of causing genetic defects. |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects. |
| H412 | Harmful to aquatic life with long lasting effects. |

CLP categories listed in Chapter 2/3

| | |
|-------------------|--|
| Acute Tox. 3 | Acute toxicity, Category 3 |
| Aquatic Chronic 2 | Hazardous to the aquatic environment, chronic, Category 2 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment, chronic, Category 3 |
| Eye Dam. 1 | Serious eye damage, Category 1 |
| Muta. 2 | Germ cell mutagenicity, Category 2 |
| Skin Corr. 1B | Skin corrosion, Category 1B |
| STOT RE 2 | Specific target organ toxicity - repeated exposure, Category 2 |

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.