

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

1.1. Product identifier

Product form : Mixture
Product name : CircoSuper 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 : Detergent

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]

Corrosive to metals, Category 1 H290
Skin corrosion/irritation, Category 1B H314
Serious eye damage/eye irritation, Category 1 H318
Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

May be corrosive to metals. Causes severe skin burns and eye damage.

2.2. Label elements

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

Hazard pictograms (CLP) :



GHS05

Signal word (CLP)

: Danger

Hazardous ingredients

: Phosphoric acid; nitric acid

Hazard statements (CLP)

: H290 - May be corrosive to metals.
H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP)

: P280 - Wear protective gloves, protective clothing, eye protection, face protection.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304+P340 - IF INHALED: Remove person to fresh air and keep 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.
P406 - Store in a corrosion-resistant container with a resistant inner liner.
P308+P313 - IF exposed or concerned: Get medical advice/attention.

2.3. Other hazards

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] |
|-----------------|---|------|---|
| Phosphoric acid | (CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24 | < 20 | Met. Corr. 1, H290 Skin Corr. 1B, H314 |
| nitric acid | (CAS-No.) 7697-37-2 (EC-No.) 231-714-2 (EC Index-No.) 007-004-00-1 (REACH-no) 01-2119487297-23 | < 20 | Ox. Liq. 2, H272 Met. Corr. 1, H290 Acute Tox. 3 (Inhalation:vapour), H331 Skin Corr. 1A, H314 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|-----------------|---|---|
| Phosphoric acid | (CAS-No.) 7664-38-2 (EC-No.) 231-633-2 (EC Index-No.) 015-011-00-6 (REACH-no) 01-2119485924-24 | (10 =<C < 25) Eye Irrit. 2, H319 (10 =<C < 25) Skin Irrit. 2, H315 (C >= 25) Skin Corr. 1B, H314 |
| nitric acid | (CAS-No.) 7697-37-2 (EC-No.) 231-714-2 (EC Index-No.) 007-004-00-1 (REACH-no) 01-2119487297-23 | (1 =<C < 5) Skin Irrit. 2, H315 (1 =<C < 3) Eye Irrit. 2, H319 (3 =<C < 5) Eye Dam. 1, H318 (5 =<C < 20) Skin Corr. 1B, H314 (C >= 20) Skin Corr. 1A, H314 (65 =<C < 99) Ox. Liq. 3, H272 (C >= 99) Ox. Liq. 2, H272 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Call a physician immediately. Remove and wash contaminated clothing before re-use. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor. Do not apply mouth-to-mouth resuscitation. In case of loss of conscience place the victim in the recovery position. |
| 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 | : 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 | : Rinse mouth out with water. Do not induce vomiting. Call a physician immediately. Give water to drink if victim completely conscious/alert. (1 - 2 dl). |

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

| | |
|-------------------------------------|---------------------------|
| Symptoms/effects after skin contact | : Burns. |
| Symptoms/effects after eye contact | : Serious damage to eyes. |
| Symptoms/effects after ingestion | : 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 | : Water spray. Dry powder. Foam. Carbon dioxide. Product does not burn, fire-extinguishing activities according to surrounding. |
| Unsuitable extinguishing media | : high volume water jet. |

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Phosphorus oxides. Nitrous gases.

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 | : Cool containers at risk with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

| | |
|----------------------|--|
| Emergency procedures | : Ensure adequate air ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. |
|----------------------|--|

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". |
|----------------------|---|

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| Methods for cleaning up | : Take up liquid spill into absorbent material. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-------------------------------|---|
| Precautions for safe handling | : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe. Do not breathe vapour/aerosol. Wear personal protective equipment. |
| 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

| | |
|------------------------------|---|
| Technical measures | : Provision to contain effluent from fire extinguishing. Take precautionary measures against static discharge. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Electrical equipment should be protected to the appropriate standard. |
| 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 cool. |
| Incompatible materials | : Bases. |
| Information on mixed storage | : Keep away from food, drink and animal feeding stuffs. |

7.3. Specific end use(s)

Detergent.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Phosphoric acid (7664-38-2) | | |
|-----------------------------|----------------------|---------------------------------|
| EU | Local name | Orthophosphoric acid |
| EU | IOELV TWA (mg/m³) | 1 mg/m³ |
| EU | IOELV STEL (mg/m³) | 2 mg/m³ |
| EU | Regulatory reference | COMMISSION DIRECTIVE 2000/39/EC |
| United Kingdom | Local name | Orthophosphoric acid |
| United Kingdom | WEL TWA (mg/m³) | 1 mg/m³ |
| United Kingdom | WEL STEL (mg/m³) | 2 mg/m³ |
| United Kingdom | Regulatory reference | EH40. HSE |

nitric acid (7697-37-2)

| | | |
|----|--------------------|-------------|
| EU | Local name | Nitric acid |
| EU | IOELV STEL (mg/m³) | 2.6 mg/m³ |

nitric acid (7697-37-2)

| | | |
|----------------|----------------------|---------------------------------|
| EU | IOELV STEL (ppm) | 1 ppm |
| EU | Regulatory reference | COMMISSION DIRECTIVE 2006/15/EC |
| United Kingdom | Local name | Nitric acid |
| United Kingdom | WEL STEL (mg/m³) | 2.6 mg/m³ |
| United Kingdom | WEL STEL (ppm) | 1 ppm |
| 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. Follow the recommendations of the glove manufacturer for breakthrough properties especially for workplace conditions involving mechanical stress and contact duration.

| Type | Material | Permeation | Thickness (mm) | Penetration | Standard |
|--|----------------|-------------------|----------------|-------------|----------|
| Chemically resistant protective gloves | Nitrile rubber | 6 (> 480 minutes) | 0,7 | 2 (< 1.5) | EN 374 |

Eye protection:

Safety glasses. Eye wash bottle with pure water (EN 15154).

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

Skin and body protection:

Acid-resistant clothing

| Type | Standard |
|----------------------------------|----------|
| Long sleeved protective clothing | EN 368 |

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. No personal breathing protective equipment is normally required. If the occupational exposure limit is exceeded:

| Device | Filter type | Condition | Standard |
|---------------------------------|---------------|-----------|----------|
| Breathing apparatus with filter | ABEK, Type P2 | | EN 141 |

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke when using this product. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|---------------------|
| Physical state | : Liquid |
| Colour | : Colourless |
| Odour | : Soft |
| Odour threshold | : No data available |
| pH | : < 1 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point | : No data available |

| | |
|----------------------------------|---|
| Freezing point | : No data available |
| Boiling point | : $\approx 100\text{ }^{\circ}\text{C}$ |
| Flash point | : Not applicable |
| Auto-ignition temperature | : Not applicable |
| Decomposition temperature | : Not applicable |
| Flammability (solid, gas) | : Not applicable Not applicable |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : No data available |
| Density | : 1.2 - 1.25 g/cm ³ |
| Solubility | : Water: completely miscible |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : Not applicable. |
| Oxidising properties | : Product is not explosive. |
| Explosive limits | : No data available |

9.2. Other information

| | |
|-------------|-------|
| VOC content | : 0 % |
|-------------|-------|

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Gives off hydrogen by reaction with metals. Exothermic reaction on contact with : Bases.

10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat. Reacts violently with water.

10.5. Incompatible materials

Bases.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Fire may produce: Nitrogen oxides.
Phosphorus oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

Phosphoric acid (7664-38-2)

| | |
|---|----------------|
| LD50 oral rat | 1530 mg/kg |
| LD50 oral | 2000 mg/kg |
| LD50 dermal rabbit | 2740 mg/kg |
| LC50 inhalation rat (Dust/Mist - mg/l/4h) | 0.9615 mg/l/4h |

nitric acid (7697-37-2)

| | |
|---------------------------|-----------|
| LC50 inhalation rat (ppm) | 67 ppm/4h |
|---------------------------|-----------|

| | |
|-----------------------------------|---|
| Skin corrosion/irritation | : Causes severe skin burns and eye damage. pH: < 1 |
| Serious eye damage/irritation | : Causes serious eye damage. pH: < 1 |
| Respiratory or skin sensitisation | : Not classified |

| | |
|------------------------|------------------|
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| STOT-single exposure | : Not classified |
| STOT-repeated exposure | : Not classified |
| Aspiration hazard | : Not classified |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--------------------------|---|
| Ecology - general | : Before neutralisation, the product may represent a danger to aquatic organisms. |
| Acute aquatic toxicity | : Not classified |
| Chronic aquatic toxicity | : Not classified |

Phosphoric acid (7664-38-2)

| | |
|-------------|-----------|
| LC50 fish 1 | 75.1 mg/l |
|-------------|-----------|

12.2. Persistence and degradability

CircoSuper SFM

| | |
|-------------------------------|--------------------|
| Persistence and degradability | No data available. |
|-------------------------------|--------------------|

12.3. Bioaccumulative potential

nitric acid (7697-37-2)

| | |
|---------|--------------|
| Log Pow | -2.3 @ 25 °C |
|---------|--------------|

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

| | |
|------------------------|------------------------------------|
| Additional information | : Avoid release to the environment |
|------------------------|------------------------------------|

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. |
| Sewage disposal recommendations | : Do not discharge into drains. |
| Product/Packaging disposal recommendations | : Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse. |
| 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 | | | | |
| 3264 | 3264 | 3264 | 3264 | 3264 |
| 14.2. UN proper shipping name | | | | |
| CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; nitric acid) | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; nitric acid) | Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid ; nitric acid) | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; nitric acid) | CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; nitric acid) |

Transport document description

| | | | | |
|---|--|---|--|--|
| UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; nitric acid), 8, II, (E) | UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; nitric acid), 8, II | UN 3264 Corrosive liquid, acidic, inorganic, n.o.s. (Phosphoric acid ; nitric acid), 8, II | UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; nitric acid), 8, II | UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid ; nitric acid), 8, II |
|---|--|---|--|--|

14.3. Transport hazard class(es)

| | | | | |
|---|---|---|---|---|
| 8 | 8 | 8 | 8 | 8 |
|  |  |  |  |  |

14.4. Packing group

| | | | | |
|----|----|----|----|----|
| II | II | II | II | II |
|----|----|----|----|----|

14.5. Environmental hazards

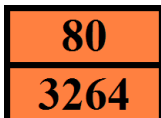
| | | | | |
|---------------------------------------|--|---------------------------------------|---------------------------------------|---------------------------------------|
| Dangerous for the environment : No | Dangerous for the environment : No Marine pollutant : No | Dangerous for the environment : No | Dangerous for the environment : No | Dangerous for the environment : No |
|---------------------------------------|--|---------------------------------------|---------------------------------------|---------------------------------------|

No supplementary information available

14.6. Special precautions for user

Overland transport

| | |
|---|---------------|
| Classification code (ADR) | : C1 |
| Limited quantities (ADR) | : 1I |
| Excepted quantities (ADR) | : E2 |
| Packing instructions (ADR) | : P001, IBC02 |
| Mixed packing provisions (ADR) | : MP15 |
| Transport category (ADR) | : 2 |
| Hazard identification number (Kemler No.) | : 80 |
| Orange plates | : |



| | |
|-------------------------------|------|
| Tunnel restriction code (ADR) | : E |
| EAC code | : 2X |
| APP code | : B |

Transport by sea

| | |
|------------------------------------|--|
| Packing instructions (IMDG) | : P001 |
| EmS-No. (Fire) | : F-A |
| EmS-No. (Spillage) | : S-B |
| Stowage and handling (IMDG) | : SW2 |
| Properties and observations (IMDG) | : Causes burns to skin, eyes and mucous membranes. |

Air transport

| | |
|--|--------|
| PCA Excepted quantities (IATA) | : E2 |
| PCA Limited quantities (IATA) | : Y840 |
| PCA limited quantity max net quantity (IATA) | : 0.5L |
| PCA packing instructions (IATA) | : 851 |
| PCA max net quantity (IATA) | : 1L |
| CAO packing instructions (IATA) | : 855 |
| CAO max net quantity (IATA) | : 30L |
| Special provisions (IATA) | : A3 |
| ERG code (IATA) | : 8L |

Inland waterway transport

| | |
|---------------------------|-------|
| Classification code (ADN) | : C1 |
| Special provisions (ADN) | : 274 |
| Limited quantities (ADN) | : 1 L |

Excepted quantities (ADN) : E2
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EP
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : C1
Limited quantities (RID) : 1L
Excepted quantities (RID) : E2
Packing instructions (RID) : P001, IBC02
Transport category (RID) : 2
Hazard identification number (RID) : 80

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 : Not subject to the Seveso III Directive

15.1.2. National regulations

United Kingdom

British National Regulations : 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.
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006.

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 |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |

Data sources : Raw material supplier's SDS. 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.

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. 3 (Inhalation:vapour) | Acute toxicity (inhalation:vapour) Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Met. Corr. 1 | Corrosive to metals, 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 |
| H272 | May intensify fire; oxidiser. |
| H290 | May be corrosive to metals. |
| H314 | Causes severe skin burns and eye damage. |
| H318 | Causes serious eye damage. |
| H331 | Toxic if inhaled. |

| Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]: | | |
|---|------|--------------------|
| Met. Corr. 1 | H290 | Calculation method |
| Skin Corr. 1B | H314 | Expert judgment |
| Eye Dam. 1 | H318 | |

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