

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Issue date: 4/27/2020 Revision date: 11/20/2025 Supersedes version of: 11/7/2024 Version: 0.2

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

1.1. Product identifier

Product form : Mixture Product name : Hexa-cel RTU

UFI : 8H00-V0XV-C003-SNTK

Product code : FML H031

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

Relevant identified uses

Use of the substance/mixture : Agricultural chemicals

Disinfectant

1.3. Details of the supplier of the safety data sheet

Manufacturer

Biocel Ltd.

Rockgrove Industrial Estate

Little Island

IRE T45 CY51 Cork, Cork

Ireland

T +353 (021) 435 3516, F +353 (021) 435 4358

info@biocel.ie, www.biocel.ie

1.4. Emergency telephone number

Emergency number +353 (021) 435 3516 (Office hours); +353 (086) 819 6466 (24H)

Office Hours: Monday to Thursday 9.00am- 5.30pm, Friday 9.00am- 4.30pm

| Country/Area | Organisation/Company | Address | Emergency number | Comment |
|--------------|--|--|--|---------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 Hazardous to the aquatic environment – Acute Hazard, H400

Category 1

Hazardous to the aquatic environment - Chronic Hazard, H410

Category 1

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Harmful to aquatic life with long lasting effects.

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2.2. Label elements

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

Hazard pictograms (CLP)





GHS07

07 GHS09

Signal word (CLP) : Warning

Hazard statements (CLP) : H319 - Causes serious eye irritation.

H410 - Very toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P280 - Wear eye protection.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P391 - Collect spillage.

REACH Authorisation List

D-gluconic acid, compound with N,N"-bis(4-chlorophenyl)-3,12-diimino-2,4,11,13-

: 01-2119946568-22-0001

2.3. Other hazards

Contains no PBT and/or vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|---------------------------|--|------|--|
| CHLORHEXIDINE DIGLUCONATE | CAS-No.: 18472-51-0 EC-No.: 242-354-0 | < 10 | Eye Dam. 1, H318 Aquatic Acute 1, H400 (M=10) Aquatic Chronic 1, H410 (M=10) |

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.

First-aid measures after skin contact : Wash skin with plenty of water.
First-aid measures after eye contact : Rinse eyes with water as a precaution.

First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.

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

No additional information available

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

Treat symptomatically.

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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media : Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Precautionary measures fire : Cool closed containers exposed to fire with water spray. Move containers from fire area if it

can be done without personal risk.

Firefighting instructions : Contain the spreading of extinguishing fluids (this product may be hazardous for the

environment). Dispose in a safe manner in accordance with local/national regulations.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained

breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures : Ventilate spillage area.

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. Notify authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Transfer the product into a spare container: -

suitably labelled.

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. Wear personal protective equipment.

Hygiene measures : 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 a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment symbol(s):











Eye and face protection

Eye protection:

Chemical goggles or face shield. Wear eye protection

| Eye protection | | | |
|------------------------------------|-----------------------|---|----------|
| Туре | Field of application | Characteristics | Standard |
| Chemical goggles or safety glasses | Droplet, Splash guard | Eye protection, including both chemical splash goggles and face shield, must be worn when possibility exists for eye contact due to spraying liquid or airborne particles | EN 166 |

Skin protection

Skin and body protection:

Wear suitable protective clothing. Wear protective clothing

| Skin and body protection | |
|----------------------------------|----------|
| Туре | Standard |
| Long sleeved protective clothing | |

Hand protection:

Chemically resistant protective gloves. Consult glove manufacturer's product information on material suitability and material thickness. Wear protective gloves

| Hand protection | | | | | |
|---|----------|------------|----------------|-------------|------------|
| Туре | Material | Permeation | Thickness (mm) | Penetration | Standard |
| Wear chemically resistant gloves (tested to EN374) in combination with 'basic' employee training | Rubber | | | | EN ISO 374 |

Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

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| Respiratory protection | | | |
|---|---------------|-----------|----------|
| Device | Filter type C | Condition | Standard |
| respirator with combination filter for vapour/particles | | | EN 149 |

Environmental exposure controls

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 : light blue. Colour Appearance Clear. Odour Not available Odour threshold Not available Melting point Not applicable Freezing point : Not available Boiling point : Not available Flammability : Not applicable Lower explosion limit : Not available Upper explosion limit : Not available Flash point : Not available Auto-ignition temperature : Not available Decomposition temperature Not available рΗ : 5.5 – 7 Viscosity, kinematic : Not available Solubility : Not available Partition coefficient n-octanol/water (Log Kow) : Not available Vapour pressure : Not available

Density : 1.017 – 1.028 g/ml @ 20°C

: Not available

Relative density : Not available
Relative vapour density at 20°C : Not available
Particle characteristics : Not applicable

9.2. Other information

Vapour pressure at 50°C

No additional information available

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

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

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10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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

| CHLORHEXIDINE DIGLUCONATE (18472-51-0) | | |
|--|--------------|--|
| LD50 oral rat | > 2000 mg/kg | |
| LD50 dermal rabbit | > 2000 mg/kg | |
| Skin corrosion/irritation : Not classified | | |

pH: 5.5 – 7

Serious eye damage/irritation : Causes serious eye irritation.

pH: 5.5 – 7

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

CHLORHEXIDINE DIGLUCONATE (18472-51-0)

LOAEL (oral, rat, 90 days)

8.88 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 452 (Chronic Toxicity Studies)

Aspiration hazard : Not classified

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.

Hazardous to the aquatic environment, short–term : Very toxic to aquatic life.

(acute)

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

(chronic)

| CHLORHEXIDINE DIGLUCONATE (18472-51-0) | | |
|--|---|--|
| LC50 - Fish [1] 2.08 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) | | |
| EC50 - Crustacea [1] | 0.087 mg/l Test organisms (species): Daphnia magna | |
| EC50 72h - Algae [1] | 0.0187 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) | |
| NOEC chronic fish | 0.065 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) Duration: '28 d' | |
| NOEC chronic crustacea | 0.0206 mg/l Daphnia magna, 21 d | |

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12.2. Persistence and degradability

| Hexa-cel RTU | | |
|---|--|--|
| Persistence and degradability Not rapidly degradable | | |
| CHLORHEXIDINE DIGLUCONATE (18472-51-0) | | |
| Persistence and degradability Not rapidly degradable | | |

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods

: Dispose of contents/container in accordance with licensed collector's sorting instructions. Must follow special treatment according to local regulation.

Sewage disposal recommendations

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

Product/Packaging disposal recommendations

: Completely empty the packaging prior to decontamination. Recycle following cleaning. If recycling is not possible, eliminate in accordance with local valid waste disposal regulations.

SECTION 14: Transport information

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

| ADR | IMDG | IATA | ADN | RID |
|-------------------------------|------------------------|-----------------------------|------------------------|------------------------|
| 14.1. UN number or ID number | | | | |
| UN 3082 | UN 3082 | UN 3082 | UN 3082 | UN 3082 |
| 14.2. UN proper shipping name | | | | |
| ENVIRONMENTALLY | ENVIRONMENTALLY | Environmentally hazardous | ENVIRONMENTALLY | ENVIRONMENTALLY |
| HAZARDOUS | HAZARDOUS | substance, liquid, n.o.s. (| HAZARDOUS | HAZARDOUS |
| SUBSTANCE, LIQUID, | SUBSTANCE, LIQUID, | contains : | SUBSTANCE, LIQUID, | SUBSTANCE, LIQUID, |
| N.O.S. (contains : | N.O.S. (contains : | CHLORHEXIDINE | N.O.S. (contains : | N.O.S. (contains : |
| CHLORHEXIDINE | CHLORHEXIDINE | DIGLUCONATE; Alcohols, | CHLORHEXIDINE | CHLORHEXIDINE |
| DIGLUCONATE; Alcohols, | DIGLUCONATE; Alcohols, | C9-11, ethoxylated) | DIGLUCONATE; Alcohols, | DIGLUCONATE; Alcohols, |
| C9-11, ethoxylated) | C9-11, ethoxylated) | | C9-11, ethoxylated) | C9-11, ethoxylated) |

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| ADR | IMDG | IATA | ADN | RID |
|--|------------------------------|--|--|--|
| Transport document descr | iption | | | |
| UN 3082 | UN 3082 | UN 3082 Environmentally | UN 3082 | UN 3082 |
| ENVIRONMENTALLY | ENVIRONMENTALLY | hazardous substance, | ENVIRONMENTALLY | ENVIRONMENTALLY |
| HAZARDOUS | HAZARDOUS | liquid, n.o.s. (contains : | HAZARDOUS | HAZARDOUS |
| SUBSTANCE, LIQUID, | SUBSTANCE, LIQUID, | CHLORHEXIDINE | SUBSTANCE, LIQUID, | SUBSTANCE, LIQUID, |
| N.O.S. (contains : | N.O.S. (contains : | DIGLUCONATE; Alcohols, | N.O.S. (contains : | N.O.S. (contains : |
| CHLORHEXIDINE | CHLORHEXIDINE | C9-11, ethoxylated), 9, III | CHLORHEXIDINE | CHLORHEXIDINE |
| DIGLUCONATE; Alcohols, | DIGLUCONATE; Alcohols, | | DIGLUCONATE; Alcohols, | DIGLUCONATE; Alcohols, |
| C9-11, ethoxylated), 9, III, | C9-11, ethoxylated), 9, III, | | C9-11, ethoxylated), 9, III | C9-11, ethoxylated), 9, III |
| (-) | MARINE POLLUTANT | | | |
| 14.3. Transport hazard | class(es) | | | |
| 9 | 9 | 9 | 9 | 9 |
| ************************************** | 2 | ************************************** | ************************************** | ************************************** |
| 14.4. Packing group | | | | |
| III | III | III | III | III |
| 14.5. Environmental haz | ards | | | |
| Dangerous for the | Dangerous for the | Dangerous for the | Dangerous for the | Dangerous for the |
| environment: Yes | environment: Yes | environment: Yes | environment: Yes | environment: Yes |
| | Marine pollutant: Yes | | | |
| | EmS-No. (Fire): F-A | | | |
| | EmS-No. (Spillage): S-F | | | |
| No supplementary information | n available | | | |

14.6. Special precautions for user

Overland transport

Classification code (ADR) : M6

Special provisions (ADR) : 274, 335, 375, 601, 650

Limited quantities (ADR) : 5I Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Special packing provisions (ADR) : PP1
Mixed packing provisions (ADR) : MP19
Portable tank and bulk container instructions (ADR) : T4
Portable tank and bulk container special provisions : TP1, TP29

(ADR)

Tank code (ADR) : LGBV
Vehicle for tank carriage : AT
Transport category (ADR) : 3
Special provisions for carriage - Packages (ADR) : V12
Special provisions for carriage - Loading, unloading : CV13

and handling (ADR)

Hazard identification number (Kemler No.) : 90

Orange plates :

90 3082

Tunnel restriction code (ADR) : EAC code : •3Z

Transport by sea

Special provisions (IMDG) : 274, 335, 375, 969

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Limited quantities (IMDG) : 5 L Excepted quantities (IMDG) : E1 Packing instructions (IMDG) : LP01, P001 Special packing provisions (IMDG) PP1 IBC packing instructions (IMDG) IBC03 Tank instructions (IMDG) T4 Tank special provisions (IMDG) TP1, TP29 Stowage category (IMDG) : A

Air transport

PCA Excepted quantities (IATA) : E1
PCA Limited quantities (IATA) : Y964
PCA limited quantity max net quantity (IATA) : 30kgG
PCA packing instructions (IATA) : 964
PCA max net quantity (IATA) : 450L
CAO packing instructions (IATA) : 964
CAO max net quantity (IATA) : 450L

Special provisions (IATA) : A97, A158, A197, A215

ERG code (IATA) : 9L

Inland waterway transport

Classification code (ADN) : M6

Special provisions (ADN) : 274, 335, 375, 601, 650

Limited quantities (ADN) : 5 L

Excepted quantities (ADN) : E1

Carriage permitted (ADN) : T

Equipment required (ADN) : PP

Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : M6

Special provisions (RID) : 274, 335, 375, 601, 650

Limited quantities (RID) : 5L Excepted quantities (RID) : E1

Packing instructions (RID) : P001, IBC03, LP01, R001

Special packing provisions (RID) : PP1
Mixed packing provisions (RID) : MP19
Portable tank and bulk container instructions (RID) : T4
Portable tank and bulk container special provisions : TP1, TP29

(RID)

Tank codes for RID tanks (RID) : LGBV

Transport category (RID) : 3

Special provisions for carriage – Packages (RID) : W12

Special provisions for carriage - Loading, unloading : CW13, CW31

and handling (RID)

Colis express (express parcels) (RID) : CE8
Hazard identification number (RID) : 90

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

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SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

| EU restriction list (REACH Annex XVII) | | |
|--|---|---|
| Reference code | code Applicable on Entry title or description | |
| 3(c) | Hexa-cel RTU | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1 |

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

| | oto a o (<u>=</u>) (o)ox / (| , tati (01.10ati 01.1 2 .101) | | | |
|--|--------------------------------|--------------------------------------|-------------------------------|--|-------------|
| Substance | Authorisation number | Authorised use | Exempted (categories of) uses | Date of expiry of reviewed period | Sunset date |
| D-gluconic acid, compound with N,N"- bis(4-chlorophenyl)-3,12- diimino-2,4,11,13- | 01-2119946568-22-0001 | - | - | - | - |

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

Germany

Employment restrictions : Observe restrictions according Act on the Protection of Working Mothers (MuSchG).

Observe restrictions according Act on the Protection of Young People in Employment

JArbSchG).

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed SZW-lijst van mutagene stoffen : None of the components are listed SZW-lijst van reprotoxische stoffen – Borstvoeding : None of the components are listed

SZW-lijst van reprotoxische stoffen –

Vruchtbaarheid

SZW-lijst van reprotoxische stoffen – Ontwikkeling : None of the components are listed

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: None of the components are listed

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Poland

Polish National Regulations

: Act of 25 February 2011 on chemical substances and their mixtures (J. o L. No. 63, item 322 as amended; consolidated text J. o L. 2019, item 1225).

Act of 14 December 2012 on waste (J. o L. 2013, item 322 as amended; consolidated text J. o L. 2020, item 797).

The announcement of Marshal of the Sejm of the Republic of Poland dated 19 October 2016 concerning the consolidated text announcement of the decree on the management of packaging and packaging waste (J. o L. 2016, item 1863 as amended).

Decree of the Minister of Environment of 14 December 2014 on the catalogue of waste (J. o L. 2014, item 1923).

Act of 19 August 2011 on the Carriage of Dangerous Goods (J. o L. 2011 No. 227, item 1367 as amended; consolidated text J. o L. 2020, item 154).

Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on the highest permissible concentration and intensity of noxious agents for health at work environment (J. o L. item 1286 as amended).

The announcement of Minister of Health dated 9 September 2016 concerning the consolidated text announcement of the decree of the Minister of Health of 30 December 2004 on health and safety at work related to exposure to chemical agents at work (J. o L. of 16 September 2016, item 1488)

Regulation of the Minister of Health of 2 February 2011 on tests and measurements of the noxious agents for health at work environment (J. o L. No. 33, item 166 as amended). Regulation of the Minister of Environment of 9 December 2003 on particularly hazardous substances to the environment (J. o L. No. 217, item 2141).

ADR Agreement: Government Statement of 13 March 2023 on the entry into force of amendments to Annexes A and B to the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), signed in Geneva on 30 September 1957 (J. o. L. 2023, item 891)

Regulation of the Minister of Health of 25 August 2015 on the method of marking places, pipelines, and containers and tanks used for storing or containing hazardous substances or hazardous mixtures (J.o.L. 2015, item 1368 as ammended)

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

| Abbreviations and acronyms: | | |
|-----------------------------|---|--|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways | |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road | |
| ATE | Acute Toxicity Estimate | |
| BLV | Biological limit value | |
| CAS-No. | Chemical Abstract Service number | |
| CLP | Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008 | |
| DMEL | Derived Minimal Effect level | |
| DNEL | Derived-No Effect Level | |
| EC50 | Median effective concentration | |
| EC-No. | European Community number | |
| EN | European Standard | |
| IATA | International Air Transport Association | |
| IMDG | International Maritime Dangerous Goods | |
| LC50 | Median lethal concentration | |

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| Abbreviations and acronyms: | | |
|-----------------------------|---|--|
| LD50 | Median lethal dose | |
| LOAEL | Lowest Observed Adverse Effect Level | |
| NOAEC | No-Observed Adverse Effect Concentration | |
| NOAEL | No-Observed Adverse Effect Level | |
| NOEC | No-Observed Effect Concentration | |
| OEL | Occupational Exposure Limit | |
| PBT | Persistent Bioaccumulative Toxic | |
| PNEC | Predicted No-Effect Concentration | |
| REACH | Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006 | |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail | |
| SDS | Safety Data Sheet | |
| vPvB | Very Persistent and Very Bioaccumulative | |
| WGK | Water Hazard Class | |

| Full text of H- and EUH-statements: | | |
|-------------------------------------|---|--|
| Aquatic Acute 1 | Hazardous to the aquatic environment – Acute Hazard, Category 1 | |
| Aquatic Chronic 1 | Hazardous to the aquatic environment – Chronic Hazard, Category 1 | |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 | |
| H318 | Causes serious eye damage. | |
| H319 | Causes serious eye irritation. | |
| H400 | Very toxic to aquatic life. | |
| H410 | Very toxic to aquatic life with long lasting effects. | |

Safety Data Sheet (SDS), EU

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.