

**CALCIUM CHLORIDE 36% (E509) FOOD**

Version 1.0

Print Date 31/07/2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Trade name : CALCIUM CHLORIDE 36% (E509) FOOD

UFI : 65C9-20N9-300J-WQFD

UFI code notified in : Belgium, Germany, Denmark, Estonia, Spain, France, Croatia, Ireland, Iceland, Lithuania, Latvia, Malta, Netherlands, Norway, Portugal, Sweden

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

Use of the Substance/Mixture : Identified use: See table in front of appendix for a complete overview of identified uses.

Uses advised against : At this moment we have not identified any uses advised against

Remarks : Before referring to any Exposure Scenario attached to this Safety Data Sheet please check the grade of the product: the Exposure Scenarios presented are not related to all product grade

1.3. Details of the supplier of the safety data sheet

Company : Brouwland BVBA
Korspelsesteenweg 86
B-3581 Beverlo

Telephone : +32-(0)11-40.14.08

Telefax : +32-(0)11-34.73.59

E-mail address : Info@brouwland.com

Responsible/issuing person : Quality officer (N. Balis)

1.4. Emergency telephone number

Emergency telephone number : Belgium: Antipoison Center - Brussels TEL: +32(0)70 245 245

Netherland: National Poisoning Information Center - Bilthoven
TEL: +31(0) 88 755 8000 (Only for the purpose of informing medical personnel in cases of acute intoxications)

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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

| REGULATION (EC) No 1272/2008 | | | |
|-------------------------------------|------------------------|----------------------|--------------------------|
| Hazard class | Hazard category | Target Organs | Hazard statements |
| Eye irritation | Category 2 | --- | H319 |

For the full text of the H-Statements mentioned in this Section, see Section 16.

Most important adverse effects

Human Health : See section 11 for toxicological information.

Physical and chemical hazards : See section 9/10 for physicochemical information.

Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols :



Signal word : Warning

Hazard statements : H319 Causes serious eye irritation.

Precautionary statements

Prevention : P264 Wash skin thoroughly after handling.
P280 Wear eye protection/ face protection.

Response : P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/

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attention.

Hazardous components which must be listed on the label:

- calcium chloride

2.3. Other hazards

The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

Ecological information: No information available about endocrine disruption properties for environment.

Toxicological information: No information available about endocrine disruption properties for human health.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical nature : Aqueous solution

| | | Classification (REGULATION (EC) No 1272/2008) | |
|-----------------------------------|---------------|--|-------------------|
| Hazardous components | Amount [%] | Hazard class / Hazard category | Hazard statements |
| calcium chloride | | | |
| Index-No. : 017-013-00-2 | >= 25 - <= 45 | Eye Irrit.2 | H319 |
| CAS-No. : 10043-52-4 | | | |
| EC-No. : 233-140-8 | | | |
| EU REACH- : 01-2119494219-28-xxxx | | | |
| Reg. No. | | | |

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : Take off all contaminated clothing immediately. If symptoms call a physician.

If inhaled : Remove to fresh air. If symptoms persist, call a physician.

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| | |
|------------------------------------|--|
| In case of skin contact | : Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. |
| In case of eye contact | : Rinse immediately with plenty of water, also under the eyelids, for at least 5 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible. |
| If swallowed | : Rinse mouth with water. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. |
| Protection of First Aid Responders | : First Aid responders should pay attention to self-protection and use the recommended protective clothing. |

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

| | |
|----------|--|
| Symptoms | : See Section 11 for more detailed information on health effects and symptoms. |
| Effects | : irritant effects |

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

| | |
|-----------|--------------------------|
| Treatment | : Treat symptomatically. |
|-----------|--------------------------|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|---|
| Suitable extinguishing media | : The product itself does not burn. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
| Unsuitable extinguishing media | : High volume water jet |

5.2. Special hazards arising from the substance or mixture

| | |
|--------------------------------------|---|
| Specific hazards during firefighting | : Fire may cause evolution of: Irritant gases/vapours |
|--------------------------------------|---|

5.3. Advice for firefighters

| | |
|---|---|
| Special protective equipment for firefighters | : In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment. |
| Further advice | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Cool closed containers exposed to fire with water spray. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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Personal precautions : Use personal protective equipment. Keep away unprotected persons. Ensure adequate ventilation. Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal.

Further information : Treat recovered material as described in the section "Disposal considerations".

6.4. Reference to other sections

See Section 1 for emergency contact information.
See Section 8 for information on personal protective equipment.
See Section 13 for waste treatment information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling : Keep container tightly closed. Use personal protective equipment. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity.

Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Store in original container. Suitable materials for containers: Polypropylene; polyethylene; Unsuitable materials for containers: Aluminium

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Further information on storage conditions : Keep tightly closed in a dry and cool place.

7.3. Specific end use(s)

Specific use(s) : Identified use: See table in front of appendix for a complete overview of identified uses.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other Occupational Exposure Limit Values

(Additional) : Contains no substances with occupational exposure limit values.
Information
Contains no substances with occupational exposure limit values.

| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

DNEL
Workers, Acute - local effects, Inhalation : 10 mg/m³

DNEL
Workers, Long-term - local effects, Inhalation : 5 mg/m³

DNEL
Consumers, Acute - local effects, Inhalation : 5 mg/m³

DNEL
Consumers, Long-term - local effects, Inhalation : 2,5 mg/m³

| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

Predicted No Effect Concentration (PNEC)

No PNEC value was derived. :

8.2. Exposure controls

Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection

Advice : Required, if exposure limit is exceeded (e.g. OEL).
Respiratory protection complying with EN 141.

Hand protection

Advice : Protective gloves complying with EN 374.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.
Also take into consideration the specific local conditions under

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which the product is used, such as the danger of cuts, abrasion, and the contact time.

Protective gloves should be replaced at first signs of wear.

Material : Natural Rubber
Break through time : ≥ 480 min
Glove thickness : 0,5 mm

Material : polychloroprene
Break through time : ≥ 480 min
Glove thickness : 0,5 mm

Material : Nitrile rubber
Break through time : ≥ 480 min
Glove thickness : 0,35 mm

Material : butyl-rubber
Break through time : ≥ 480 min
Glove thickness : 0,5 mm

Material : Fluorinated rubber
Break through time : ≥ 480 min
Glove thickness : 0,4 mm

Material : Polyvinylchloride
Break through time : ≥ 480 min
Glove thickness : 0,5 mm

Eye protection

Advice : Safety goggles

Skin and body protection

Advice : Wear personal protective equipment.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form : liquid

Physical state : liquid

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| | | |
|--|---|---|
| Colour | : | colourless |
| Odour | : | odourless |
| Odour Threshold | : | Not applicable |
| Melting point/range | : | ca. -46 °C 18 - 42% solution |
| Boiling point/boiling range | : | ca. 100 - 120 °C 18 - 42% solution |
| Flammability (solid, gas) | : | Not applicable Remarks: does not sustain combustion. |
| Upper explosion limit / Upper flammability limit | : | Not applicable |
| Lower explosion limit / Lower flammability limit | : | Not applicable |
| Flash point | : | Not applicable |
| Auto-ignition temperature | : | Not applicable |
| Decomposition temperature | : | > 772 °C |
| Self-Accelerating decomposition temperature (SADT) | : | No data available |
| pH | : | 10 - 11 (20 °C) Concentration: 100 % (formulated product) |
| Viscosity | | |
| Viscosity, dynamic | : | ca. 2 - 10 mPa.s 18 - 42% solution |
| Viscosity, kinematic | : | No data available |
| Flow time | : | No data available |
| Solubility(ies) | | |
| Water solubility | : | completely soluble |
| Solubility in other solvents | : | No data available |
| Dissolution Rate | : | No data available |
| Partition coefficient: n-octanol/water | : | Not applicable |
| Dispersion Stability | : | No data available |

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| | |
|--------------------------|---|
| Vapour pressure | : Not applicable |
| Relative density | : No data available |
| Density | : 1,4 g/cm ³ solution 40% |
| Bulk density | : No data available |
| Relative vapour density | : No data available |
| Particle characteristics | No data available |

9.2 Other information

| | |
|------------------------|---|
| Explosives | : Product is not explosive. |
| Flammability (liquids) | : Not applicable Remarks: does not sustain combustion. |

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|--------|---|
| Advice | : No decomposition if stored and applied as directed. |
|--------|---|

10.2. Chemical stability

| | |
|--------|--|
| Advice | : Stable under recommended storage conditions. |
|--------|--|

10.3. Possibility of hazardous reactions

| | |
|---------------------|---|
| Hazardous reactions | : No dangerous reaction known under conditions of normal use. |
|---------------------|---|

10.4. Conditions to avoid

| | |
|-----------------------|---|
| Conditions to avoid | : Exposure to moistureProduct is hygroscopic. |
| Thermal decomposition | : > 772 °C |

10.5. Incompatible materials

| | |
|--------------------|---|
| Materials to avoid | : Strong reducing agents, Strong oxidizing agents |
|--------------------|---|

10.6. Hazardous decomposition products

| | |
|----------------------------------|---|
| Hazardous decomposition products | : Fire may cause evolution of: Irritant gases/vapours |
|----------------------------------|---|

SECTION 11: Toxicological information

11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

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Data for the product

Acute toxicity

Oral

Please find this information in the listing of the component/components below in this section.

Inhalation

Please find this information in the listing of the component/components below in this section.

Dermal

Please find this information in the listing of the component/components below in this section.

Irritation

Skin

Result : Please find this information in the listing of the component/components below in this section.

Eyes

Result : Please find this information in the listing of the component/components below in this section.

Sensitisation

Result : Please find this information in the listing of the component/components below in this section.

CMR effects

CMR Properties

Carcinogenicity : Please find this information in the listing of the component/components below in this section.
Mutagenicity : Please find this information in the listing of the component/components below in this section.
Teratogenicity : Please find this information in the listing of the component/components below in this section.
Reproductive toxicity : Please find this information in the listing of the component/components below in this section.

Carcinogenicity

Please find this information in the listing of the component/components below in this section.

Teratogenicity

Please find this information in the listing of the component/components below in this section.

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Specific Target Organ Toxicity

Single exposure

Remarks : Please find this information in the listing of the component/components below in this section.

Repeated exposure

Remarks : Please find this information in the listing of the component/components below in this section.

Other toxic properties

Repeated dose toxicity

; Please find this information in the listing of the component/components below in this section.

Aspiration hazard

No data available

Component: calcium chloride **CAS-No.** 10043-52-4

Acute toxicity

Oral

LD50 : 2120 mg/kg body weight(Rat, male and female) (OECD Test Guideline 401)

Inhalation

No data available

Dermal

LD50 : > 5000 mg/kg body weight(Rabbit, male and female)

Irritation

Skin

Result : No skin irritation (Rabbit) (OECD Test Guideline 404)

Eyes

Result : Irritating to eyes. (Rabbit) (OECD Test Guideline 405)

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Sensitisation

Result : Study scientifically not justified.

CMR effects

Carcinogenicity

It dissociates into ions that are present physiologically in relatively high levels in vertebrates. Therefore, a study is considered (scientifically) unnecessary.

CMR Properties

Carcinogenicity : Study scientifically not justified.
Mutagenicity : In vitro tests did not show mutagenic effects
Teratogenicity : Did not show teratogenic effects in animal experiments.
Reproductive toxicity : Study scientifically not justified.

Teratogenicity

NOAEL : 169 mg/kg
Maternal (Rabbit)(OECD Test Guideline 414)

Specific Target Organ Toxicity

Single exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, single exposure.

Repeated exposure

Remarks : The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Other toxic properties

Repeated dose toxicity

; It dissociates into ions that are present physiologically in relatively high levels in vertebrates. Therefore, a study is considered (scientifically) unnecessary.

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Aspiration hazard

Not applicable,

11.2. Information on other hazards

Data for the product

Endocrine disrupting properties

Assessment : No information available about endocrine disruption properties for human health.

Component: calcium chloride **CAS-No. 10043-52-4**

Endocrine disrupting properties

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1. Toxicity

Component: calcium chloride **CAS-No. 10043-52-4**

Acute toxicity

Fish

LC50 : 4.630 mg/l (Pimephales promelas (fathead minnow); 96 h) (static test; EPA 600/4-90/027)

Toxicity to daphnia and other aquatic invertebrates

NOEC : 2.000 mg/l (Daphnia magna; 48 h) (static test; OECD Test Guideline 202)

LC50 : 2.400 mg/l (Daphnia magna; 48 h) (static test; OECD Test Guideline 202)

algae

EC50 : 2900 mg/l (Pseudokirchneriella subcapitata (green algae); 72 h) (OECD Test Guideline 201)

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Bacteria

: Study scientifically unjustified.

12.2. Persistence and degradability

| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

Persistence and degradability

Persistence

Result : (Related to: Water) decomposition by hydrolysis.

Biodegradability

Result : The methods for determining the biological degradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

Bioaccumulation

Result : Bioaccumulation is not expected.

12.4. Mobility in soil

| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

Mobility

Water : The product is water soluble.

12.5. Results of PBT and vPvB assessment

Data for the product

Results of PBT and vPvB assessment

Result : The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

Results of PBT and vPvB assessment

Result : The PBT or vPvB criteria of Annex XIII to the REACH Regulation does not apply to inorganic substances.

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12.6. Endocrine disrupting properties

Data for the product

Endocrine disrupting potential : No information available about endocrine disruption properties for environment.

| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7. Other adverse effects

Data for the product

Additional ecological information

Result : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

Additional ecological information

Result : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services. This product shall be disposed of or recovered in compliance with Directive 2008/98/EC on waste as lastly amended.
- Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.
- European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

SECTION 14: Transport information

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Not dangerous goods for ADR, RID, IMDG and IATA.

14.1. UN number or ID number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

Data for the product

EU. Regulation EC No. : ; The substance/mixture does not fall under this legislation.
689/2008

EU. REACH, Annex XVII, : Point Nos.: , 3; Listed
Marketing and Use
Restrictions (Regulation
1907/2006/EC)

EU. Directive : ; The substance/mixture does not fall under this legislation.
2012/18/EU (SEVESO
III) on major accident
hazards involving
dangerous substances,
Annex I

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| | | |
|-------------------|-------------------------|---------------------------|
| Component: | calcium chloride | CAS-No. 10043-52-4 |
|-------------------|-------------------------|---------------------------|

EU. Chemicals Subject : ; The substance/mixture does not fall under this legislation.
to PIC Procedure:
Regulation 649/2012/EU
on export and import of
dangerous chemicals, as
amended

EU. REACH, Annex XVII, : Point Nos.: , 75; Listed.
Marketing and Use
Restrictions (Regulation
1907/2006/EC)

EU. Directive : ; The substance/mixture does not fall under this legislation.
2012/18/EU (SEVESO
III) on major accident
hazards involving
dangerous substances,
Annex I

Notification status calcium chloride:

| Regulatory List | Notification | Notification number |
|-----------------|--------------|---------------------|
| AICS | YES | |
| DSL | YES | |
| EINECS | YES | 233-140-8 |
| ENCS (JP) | YES | (1)-176 |
| IECSC | YES | |
| INSQ | YES | |
| ISHL (JP) | YES | (1)-176 |
| KECI (KR) | YES | KE-04496 |
| NZIOC | YES | HSR003389 |
| ONT INV | YES | |
| PHARM (JP) | YES | |
| PICCS (PH) | YES | |
| TCSI | YES | |
| TH INV | YES | 2827.20 |
| TH INV | YES | 55-1-00071 |
| TSCA | YES | |
| VN INVL | YES | |

15.2. Chemical safety assessment

A Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information

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Full text of H-Statements referred to under sections 2 and 3.

H319 Causes serious eye irritation.

Full text of the Notes referred to under section 3.

Abbreviations and Acronyms

| | |
|------------------|---|
| AU AIICL | Australia. Industrial Chemicals Act (AIIC) List |
| BCF | bioconcentration factor |
| BOD | biochemical oxygen demand |
| CAS | Chemical Abstracts Service |
| CLP | Classification, Labelling and Packaging |
| CMR | carcinogenic, mutagenic or toxic to reproduction |
| COD | chemical oxygen demand |
| DNEL | derived no-effect level |
| DSL | Canada. Environmental Protection Act, Domestic Substances List |
| EINECS | European Inventory of Existing Commercial Chemical Substances |
| ELINCS | European List of Notified Chemical Substances |
| ENCS (JP) | Japan. Kashin-Hou Law List |
| GHS | Globally Harmonized System of Classification and Labelling of Chemicals |
| IECSC | China. Inventory of Existing Chemical Substances |
| INSQ | Mexico. National Inventory of Chemical Substances |
| ISHL (JP) | Japan. Inventory of Industrial Safety & Health |
| KECI (KR) | Korea. Existing Chemicals Inventory |
| LC50 | median lethal concentration |
| LOAEC | lowest observed adverse effect concentration |
| LOAEL | lowest observed adverse effect level |
| LOEL | lowest observed effect level |
| NDSL | Canada. Environmental Protection Act. Non-Domestic Substances List |
| NLP | no-longer polymer |
| NOAEC | no observed adverse effect concentration |
| NOAEL | no observed adverse effect level |
| NOEC | no observed effect concentration |
| NOEL | no observed effect level |
| NZIOC | New Zealand. Inventory of Chemicals |
| OECD | Organisation for Economic Cooperation and Development |
| OEL | occupational exposure limit |
| ONT INV | Canada. Ontario Inventory List |

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| | |
|----------------------------|---|
| PBT | persistent, bioaccumulative and toxic |
| PHARM (JP) | Japan. Pharmacopoeia Listing |
| PICCS (PH) | Philippines. Inventory of Chemicals and Chemical Substances |
| PNEC | predicted no-effect concentration |
| REACH Auth. No.: | REACH Authorisation Number |
| REACH AuthAppC. No. | REACH Authorisation Application Consultation Number |
| STOT | specific target organ toxicity |
| SVHC | substance of very high concern |
| TCSI | Taiwan. Existing Chemicals Inventory |
| TH INV | Thailand. Existing Chemicals Inventory from FDA |
| TSCA | US. Toxic Substances Control Act |
| UVCB | substance of unknown or variable composition, complex reaction products or biological materials |
| VN INVL | Vietnam. National Chemical Inventory |
| vPvB | very persistent and very bioaccumulative |

Further information

| | | |
|--|---|--|
| Key literature references and sources for data | : | Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet. |
| Methods used for product classification | : | The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data. |
| Hints for trainings | : | The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to. |
| Other information | : | <p>The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.</p> <p>The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.</p> |

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