

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

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

1.1. Product identifier

Trade name

CONTAINER DRI II BAG 125G 30/PE 90/C

Material number: 281681

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

Relevant identified uses of the substance or mixture

Type of use : Adsorbents

1.3. Details of the supplier of the safety data sheet

Identification of the company

Clariant Produkte (Deutschland) GmbH

Ostenriederstrasse 15

85368 Moosburg

Telephone no. : +49 (0)8761/82-0

Information about the substance/mixture

BU Functional Minerals

Product Stewardship

e-mail: SDS.Europe@clariant.com

1.4. Emergency telephone number

00800-5121 5121 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

Hazard class	Hazard category	H-phrases
Eye irritation	Category 2	Causes serious eye irritation.

2.2. Label elements

Labelling according CLP regulation (Regulation (EC) No. 1272/2008, as amended)

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

Hazard pictograms



Signal word
Warning

Hazard statements

H319

Causes serious eye irritation.

Precautionary statements

P264

Wash skin thoroughly after handling.

P280

Wear eye protection/ face protection.

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/ attention.

2.3. Other hazards

The substance does not meet the criteria for PBT or vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Mixture, contains calcium chloride in water vapor permeable bags

Hazardous ingredients

Calcium chloride

Concentration : $\geq 70 - < 90$ %

CAS number : 10043-52-4

EC number: 233-140-8

Index Number 017-013-00-2

REACH - Registration number according to article 20(3): 01-2119494219-28-0004, 01-2119494219-28-0029

GHS classification EC

Eye irritation	Category 2	H319
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The text of the H-phrases is shown in section 16.

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Avoid contact with skin, eyes and clothing.
Remove/Take off immediately all contaminated clothing.

After inhalation

Move to fresh air.
If symptoms persist, call a physician.

After contact with skin

Wash off immediately with soap and plenty of water.

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
If eye irritation persists, consult a specialist.

After ingestion

Call a physician immediately.
Rinse mouth.
Drink plenty of water.

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

Symptoms

corrosive effects

Hazards

see point 2

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.

Extinguishing media that must not be used for safety reasons

Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

In case of fire hazardous decomposition products may be produced such as:
Hydrogen chloride
Chlorine

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

5.3. Advice for firefighters

Special protective equipment for firefighting

In the event of fire, wear self-contained breathing apparatus.

Further information

Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.
Avoid dust formation.
Use personal protective equipment.
Avoid contact with skin, eyes and clothing.

6.2. Environmental precautions

Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

Take up uncontaminated material and pass on for further processing.
Take up contaminated material by mechanical means, load into clean containers, and dispose of in accordance with legal regulations.

6.4. Reference to other sections

Additional information

see point 8, 13
Avoid dust formation.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothing.

Hygiene measures

Wash hands before eating, drinking, or smoking.
Preventive skin protection (protective ointment for the skin)
Handle in accordance with good industrial hygiene and safety practice.

Advice on protection against fire and explosion

Keep away from combustible material.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

Keep container tightly closed and dry.

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

Advice on storage compatibility

No conditions to be specially mentioned.

Further information on storage conditions

Protect against light.
Protect from moisture.

Storage stability

Stable under recommended storage conditions.

7.3. Specific end use(s)

Not relevant

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Exposure limit values are not available.

DNEL/DMEL values

Calcium chloride

EC number: 233-140-8

CAS number : 10043-52-4

Route of exposure	Personnel	Exposure time/Effect	Value	Remarks
Inhalation	Workers	Acute effects	10 mg/m ³	DNEL
Inhalation	Workers	Long-term local effects	5 mg/m ³	DNEL

PNEC values

Calcium chloride

EC number: 233-140-8

CAS number : 10043-52-4

Environmental compartment	Personnel/Exposure time/Effect	Value
Soil		215 mg/kg dry weight (d.w.)

8.2. Exposure controls

Appropriate engineering controls

Local exhaust

Respiratory protection : Half mask with a particle filter P2 (EN 143)

Eye protection : Safety glasses with side-shields conforming to EN166

Body protection : Long sleeved clothing
Chemical resistant apron

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Safety Data Sheet in accordance with Regulation (EU) No.453/2010

CONTAINER DRI II BAG 125G 30/PE 90/C

Page 6(11)

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

Physical state :	solid
Form :	granular
Particle size : :	not tested.
Colour :	white
Odour :	none
Odour threshold :	cannot be determined
pH value :	7,8 (20 °C, 80 g/l) Method : Aqueous solution
Melting point :	not determined
Boiling point :	Not applicable
Sublimation point :	not determined
Flash point :	Not applicable
Evaporation rate :	Not applicable
Lower explosion limit :	not tested.
Upper explosive limit :	not tested.
Combustion number :	not determined
Minimum ignition energy :	not tested.
Vapour pressure :	Not applicable
Vapour density relative to air :	Not applicable
Relative Density:	not tested.
Solubility in water :	partly soluble
Miscibility with water :	not tested.
Soluble in ... :	not tested.
Solubility/qualitative :	not tested.
Octanol/water partition coefficient (log Pow) :	not determined
Ignition temperature :	Not applicable
Self-ignition temperature :	not tested.
Viscosity (dynamic) :	Not applicable
Viscosity (kinematic) :	Not applicable
Viscosity (Efflux time) :	Not applicable
Explosive properties :	Explosive according to EU supply regulations : no data available
Oxidizing properties :	not tested.

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

9.2. Other information

Density : not tested.
Bulk density : no data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Exposure to moisture (hygroscopic).
Keep away from heat.

10.5. Incompatible materials

Water

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.
Heating can release hazardous gases.
see heading 5

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Information related to the product itself:

Acute oral toxicity : no data available
Acute dermal toxicity : no data available
Acute inhalation toxicity : no data available
Irritant effect on skin : no data available
Irritant effect on eyes : no data available
Sensitization : no data available

Remarks

The product itself has not been tested.

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

Information related to the component: Calcium chloride

Acute oral toxicity : LD50 2.301 mg/kg (Rat)
Method : OECD Test Guideline 401

Acute dermal toxicity : LD50 > 5.000 mg/kg (Rabbit)

Irritant effect on skin : No skin irritation (Rabbit)
Method : OECD Test Guideline 404

Irritant effect on eyes : Eye irritation (Rabbit)
Method : OECD Test Guideline 405

SECTION 12: Ecological information

12.1. Toxicity

Information related to the product itself:

Fish toxicity : no data available

Information related to the component: Calcium chloride

Fish toxicity : LC50 4.630 mg/l (96 h, Pimephales promelas (fathead minnow))

Daphnia toxicity : LC50 2.400 mg/l (48 h, Daphnia magna (Water flea))
Method : OECD Test Guideline 202

Algae toxicity : EC50 2.900 mg/l (72 h, Selenastrum capricornutum (fresh water algae))
Method : OECD Test Guideline 201
NOEC 1.000 mg/l (72 h, Selenastrum capricornutum (fresh water algae))
Method : OECD Test Guideline 201

12.2. Persistence and degradability

Information related to the product itself:

Biodegradability : no data available

Information related to the component: Calcium chloride

Biodegradability : The methods for determining biodegradability are not applicable to inorganic substances.

12.3. Bioaccumulative potential

Information related to the product itself:

Bioaccumulation: no data available

Information related to the component: Calcium chloride

Bioaccumulation: Not relevant for inorganic substances

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

12.4. Mobility in soil

Information related to the product itself:

Transport and distribution between environmental compartments : no data available

Information related to the component: Calcium chloride

Transport and distribution between environmental compartments : no data available

12.5. Results of PBT and vPvB assessment

Information related to the product itself:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Information related to the component: Calcium chloride

Not relevant for inorganic substances

12.6. Other adverse effects

Information related to the product itself:

Additional ecotoxicological remarks

slightly water endangering
The product itself has not been tested.
Information refers to the main component.

Information related to the component: Calcium chloride

Additional ecotoxicological remarks

slightly water endangering

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product

Can be landfilled, when in compliance with local regulations.
Contact waste disposal services.

Uncleaned packaging

Dispose of as unused product.

SECTION 14: Transport information

Section 14.1. to 14.5.

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

ADR	not restricted
ADN	not restricted
RID	not restricted
IATA	not restricted
IMDG	not restricted

14.6. Special precautions for user

See sections 6 to 8 of this Safety Data Sheet.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code (International Bulk Chemicals Code)

No transport as bulk according IBC - Code.

SECTION 15: Regulatory information

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

Water Hazard Class (Ger.) : 1 slightly water endangering

15.2. Chemical safety assessment

Chemical Safety Assessments (CSAs) are available for one or more of the component substances contained in this product.

SECTION 16: Other information

List of the text of the hazard statements mentioned section 3 (H-phrases) :

H319 Causes serious eye irritation.

Legend

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
AOX	Adsorbable organic bound halogens
CAS	Chemical Abstracts Service
DMEL	Derived Minimal Effect Level (genotoxic substances)
DNEL	Derived No Effect Level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
MARPOL	International Convention for the Prevention of Pollution From Ships

Safety Data Sheet in accordance with Regulation (EU) No.453/2010

CLARIANT 

CONTAINER DRI II BAG 125G 30/PE 90/C

Page 11(11)

Substance key: SC0000102835

Revision Date: 26.05.2015

Version : 1 - 3 / EU

Date of printing : 14.03.2016

NOAEC	No Observed Adverse Effect Concentration
NOAEL	No Observed Adverse Effect Level
NOEC	Non Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
PEC	Predicted Environmental Concentration
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	International Rule for Transport of Dangerous Substances by Railway
SVHC	Substances of Very High Concern
vPvB	very Persistent and very Bioaccumulative

Decimal notation: "thousands" places are identified with a dot (for example, "2.000 mg/kg" means "two thousand mg/kg"). Decimal places are identified with a comma (for example, "1,35 g/cm³" means "one point three five g/cm³").

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