

## CONT DRI 2 125 GM ADH 4ss 133x254

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Substance key: SC0000102835

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Version : 1 - 0 / MAL

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### 1. Identification of the substance/preparation and company

#### Trade name

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Material number: 260613

#### Use of the substance/preparation.

Type of use : Adsorbents

#### Identification of the company

Clariant Produkte (Deutschland) GmbH

Ostenriederstrasse 15

85368 Moosburg

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

#### Information about the substance/preparation

BU Functional Minerals

Product Stewardship

Emergency telephone number : 00800-5121 5121

### 2. Hazard identification

#### Classification of the substance or mixture

Serious eye damage/eye irritation Category 2

#### GHS label elements, including precautionary statements

#### Pictograms - Hazard symbols



Exclamation mark

#### Signal word

Warning

#### Hazard statements

Causes serious eye irritation.

#### Precautionary statements

Wash skin thoroughly after handling.

Wear eye protection/ face protection.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/ attention.

#### Other hazards which do not result in classification

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

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**3. Composition/information on ingredients****Chemical characterization**

Mixture, contains calcium chloride in water vapor permeable bags

**Hazardous ingredients**

Component	CAS number	Concentration
Calcium chloride	10043-52-4	>= 50 - <= 100 %

**4. 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.

**Most important symptoms/effects, acute and delayed****Symptoms**

corrosive effects

**Hazards**

see point 2

**Indication of immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures****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.

**Specific hazards arising from the chemical**

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

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### **Special protective equipment and precautions for fire fighters**

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

### **Further information**

Standard procedure for chemical fires.

## **6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Avoid dust formation.

Use personal protective equipment.

Avoid contact with skin, eyes and clothing.

### **Environmental precautions**

Do not flush into surface water or sanitary sewer system.

### **Methods and materials 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.

### **Additional information**

Avoid dust formation.

## **7. Handling and storage**

### **Precautions for safe handling**

Avoid contact with skin, eyes and clothing.

### **Advice on protection against fire and explosion**

Keep away from combustible material.

### **Conditions for safe storage, including any incompatibilities**

### **Requirements for storage rooms and vessels**

Keep container tightly closed and dry.

### **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.

## **8. Exposure controls/personal protection**

### **Appropriate engineering controls**

Local exhaust

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**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.

**Eye/face protection :** Safety glasses with side-shields conforming to EN166**Skin/Hand protection :** Chemical-resistant protective gloves according to EN 374, EN 388, EN 420.  
With full contact/spraying contact: nitrile rubber, layer thickness 0.4mm, break through time > 480min**Respiratory protection :** Half mask with a particle filter P2 (EN 143)**Thermal hazards / Body protection :** Long sleeved clothing  
Chemical resistant apron**9. Physical and chemical properties**

<b>Form :</b>	granular
<b>Colour :</b>	white
<b>Odour :</b>	none
<b>Odour threshold :</b>	Not relevant
<b>pH value :</b>	7.8 (20 °C, 80 g/l) Method : Aqueous solution
<b>Melting point :</b>	not determined
<b>Boiling point :</b>	Not applicable
<b>Sublimation point :</b>	not determined
<b>Flash point :</b>	Not applicable
<b>Evaporation rate :</b>	Not applicable
<b>Oxidizing properties :</b>	not tested.
<b>Self-ignition temperature :</b>	not tested.
<b>Lower explosion limit :</b>	not tested.
<b>Upper explosion limit :</b>	not tested.
<b>Vapour pressure :</b>	Not applicable
<b>Density :</b>	not tested.
<b>Relative Density:</b>	not tested.
<b>Bulk density :</b>	no data available
<b>Vapour density in relation to air :</b>	Not applicable
<b>Solubility in water :</b>	partly soluble
<b>Miscibility with water :</b>	not tested.

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<b>Soluble in ... :</b>	not tested.
<b>Octanol/water partition coefficient (log Pow) :</b>	not determined
<b>Auto-ignition temperature :</b>	Not applicable
<b>Viscosity (dynamic) :</b>	Not applicable
<b>Viscosity (kinematic) :</b>	Not applicable
<b>Viscosity (Efflux time) :</b>	Not applicable
<b>Combustion number :</b>	not determined

**10. Stability and reactivity****Chemical stability:**

No decomposition if stored and applied as directed.

**Possibility of hazardous reactions**

None known.

**Conditions to avoid**

Exposure to moisture (hygroscopic).

Keep away from heat.

**Incompatible materials**

Water

**Hazardous decomposition products**

No decomposition if stored and applied as directed.

Heating can release hazardous gases.

see heading 5

**11. Toxicological information****Information related to the product itself:****Acute oral toxicity :** no data available**Acute inhalation toxicity :** no data available**Acute dermal toxicity :** no data available**Skin corrosion/irritation :** no data available**Serious eye damage/irritation:** no data available**Respiratory or skin sensitization :** no data available**Remarks**

The product itself has not been tested.

**Information related to the component:** Calcium chloride

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<b>Acute oral toxicity :</b>	LD50 2,301 mg/kg (Rat) Method : OECD Test Guideline 401
<b>Acute dermal toxicity :</b>	LD50 > 5,000 mg/kg (Rabbit)
<b>Skin corrosion/irritation :</b>	No skin irritation (Rabbit) Method : OECD Test Guideline 404
<b>Serious eye damage/irritation:</b>	Eye irritation (Rabbit) Method : OECD Test Guideline 405

**12. Ecological information****Information related to the product itself:****Biodegradability :** no data available**Bioaccumulation:** no data available**Fish toxicity :** no data available**Remarks**

slightly water endangering

The product itself has not been tested.

Information refers to the main component.

**Information related to the component: Calcium chloride****Biodegradability :** The methods for determining biodegradability are not applicable to inorganic substances.**Bioaccumulation:** Not relevant for inorganic substances**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 (green algae))  
Method : OECD Test Guideline 201  
NOEC 1,000 mg/l (72 h, Selenastrum capricornutum (green algae))  
Method : OECD Test Guideline 201**13. Disposal considerations****Product**

Can be landfilled, when in compliance with local regulations.

Contact waste disposal services.

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**Uncleaned packaging**

Dispose of as unused product.

**14. Transport information**

<b>IATA</b>	not restricted
<b>IMDG</b>	not restricted
<b>ADR</b>	not restricted

**15. Regulatory information****Safety, health and environmental regulations specific for the product in question****Other regulations**

Apart from the data/regulations specified in this chapter, no further information is available concerning safety, health and environmental protection.

Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.

**16. Other information**

This information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. Clariant makes no warranties, express or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of Clariant's products for its particular application. Nothing included in this information waives any of Clariant's General Terms and Conditions of Sale, which control unless it agrees otherwise in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing Clariant products, are available upon request and are provided in compliance with applicable law. You should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact Clariant.