

## SAFETY DATA SHEET

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# Safety Data Sheet

According to Regulation (EC) No. 1907/2006



## ADSORBI CR

Version: 1.1  
Revision Date: 10.03.2024

Date of last issue: 24.10.2023  
Date of first issue 24.10.2023

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

#### 1.1 Product identifier

Product name	Adsorbi CR Granules
Item Number	5905000, 5905100, 5905400

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

Identified use	Pollutant adsorbent
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#### 1.3 Details of the supplier of the safety data sheet

Company	Adsorbi AB
Supplier	Deffner & Johann GmbH Mühlackerstraße 1 97520 Röthlein
Telephone	+49 (0)9723 9350-0
E-mail	info@deffner-johann.de

#### 1.4 Emergency telephone number

Emergency Contact	112 (Larmcentralen – Ask for Poison Information) +46 8 33 70 43 (Kemiakuten, SE)
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulations (EC) No. 1272/2008.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulations (EC) No. 1272/2008.

#### 2.3 Other hazards

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.

The substance/mixture does not contain components considered to have endocrine disruptive 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.

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### SECTION 3: Composition/information on ingredients

#### 3.1 Substance

Not applicable

#### 3.2 Mixtures

##### Components

No component needs to be disclosed according to the applicable regulations.

For full text of H-statements, see SECTION 16

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General advice	Move from dangerous area. Contact Physician. Show this safety data sheet to the attending doctor.
If inhaled	If breathed in, move the person to fresh air. Consult a physician after significant exposure.
In case of skin contact	Remove contaminated clothing. Immediately wash skin with soap and water. If skin irritation persists, call a physician.
In case of eye contact	Rinse with plenty of water for at least 15 min. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. Consult an eye specialist.
If swallowed	Rinse mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Seek medical advice.

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

Symptoms	Eye irritation. Itching. Coughing.
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#### 4.3 Indication of any immediate medical attention and special treatment needed

Note to physician	Treat according to symptoms
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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.  Water spray Foam Carbon dioxide (CO <sub>2</sub> ) Extinguishing powder
Unsuitable extinguishing media	High volume water jet

#### 5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting	Do not allow run-off from fire-fighting to enter drains or watercourses.
Hazardous combustion products	May produce toxic fumes Hazardous combustion products Halogenated compounds Carbon oxides (CO <sub>x</sub> ) Nitrogen oxides (NO <sub>x</sub> )

#### 5.3 Advice for firefighters

Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus.
Further information	Dispose of contaminated fire-extinguishing water separately. It must not be discharged into drains. Fire residues and contaminated fire-extinguishing water must be disposed of in accordance with local regulations.

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### SECTION 6: Accidental release measures

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

Personal precautions	Wear personal protective equipment. Avoid contact with skin, eyes and clothing.
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#### 6.2 Environmental precautions

Environmental precautions	Prevent the material from entering drains or water courses.
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#### 6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Collect spills mechanically for disposal.
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### 6.4 Reference to other sections

For personal protection see section 8.  
For disposal considerations see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling	For personal protection see Section 8. Avoid contact with skin. Avoid inhalation of dust/particles. Smoking, eating and drinking should be prohibited in the application area.
Advice on protection against fire and explosion	Normal measures for preventive fire protection.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing.

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

Requirements for storage areas and containers	Keep containers tightly closed in a dry and well-ventilated place.
Further information on storage conditions	Do not freeze.
Further information on storage stability	No decomposition if stored and applied as directed.
Minimum storage temperature	5°C
Maximum storage temperature	35°C

### 7.3 Specific end use(s)

Specific use(s) Do not use for other purposes than the identified uses.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Country-specific occupational exposure limit value for cellulose dust is applicable.

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### 8.2 Exposure controls

#### Engineering measures

Effective exhaust ventilation system.  
Handle in accordance with good industrial hygiene and safety practice.

#### Personal protective equipment

Eye protection	Tightly fitting safety goggles.
Hand protection	
Material	Rubber gloves.
Skin and body protection	Protective clothing.
Respiratory protection	Not required under normal use.

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	White - yellowish
Odour	Slight
Odour threshold	No data available
Melting point/range	Not applicable
Boiling point/range	Not applicable
Flammability	No data available
Upper explosion limit / Upper flammability limit	Not applicable
Lower explosion limit / Lower flammability	Not applicable
Flash point	Not applicable
Auto-ignition temperature	Not applicable
Decomposition temperature	No data available
pH	No data available
Kinematic viscosity	Not applicable
Water solubility (g/L)	Insoluble

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Partition coefficient: n-octanol/water	No data available
Vapour pressure	Not applicable
Density	~0,4 g/cm <sup>3</sup>
Relative vapour density at 20°C	Not applicable
Particle properties	0,64 – 3 mm

### 9.2 Other information

Explosives	No data available
Flammable solids	No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No known hazardous reactions if stored and handled as recommended.

### 10.2 Chemical stability

The product is chemically stable when stored under recommended conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	No dangerous reaction known under normal use.
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### 10.4 Conditions to avoid

Conditions to avoid	Avoid generation of dust.
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### 10.5 Incompatible materials

Materials to avoid	No data available.
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### 10.6 Hazardous decomposition products

Decomposition products in case of fire	See section 5.
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### SECTION 11: Toxicological information

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

##### **Acute toxicity**

Not classified based on available information.

##### **Skin corrosion/irritation**

Not classified based on available information.

##### **Serious eye damage/eye irritation**

Not classified based on available information.

##### **Skin sensitisation**

May cause an allergic skin reaction

##### **Respiratory sensitisation**

Not classified based on available information.

##### **Germ cell mutagenicity**

Not classified based on available information.

##### **Carcinogenicity**

Not classified based on available information.

##### **Reproductive toxicity**

Not classified based on available information.

##### **STOT – single exposure**

Not classified based on available information.

##### **STOT – repeated exposure**

Not classified based on available information.

##### **Aspiration hazard**

Not classified based on available information.

#### 11.2 Information on other hazards

##### **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.



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### Further information

Remarks

Information given is based on data on the components

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## SECTION 12: Ecological information

### 12.1 Toxicity

No data available

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

Mobility

Transport to air is not expected. Adsorption to solid soil phase is possible under extreme conditions.

Mobility

No data available

### 12.5 Results of PBT and vPvB assessment

Assessment

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.

### 12.6 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.

### 12.7 Other adverse effects

Adsorbed organic bound halogens (AOX)

Remark: The product contains organically bound halogens which could influence AOX values in wastewater

Additional ecological information

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

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### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

Product	The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Hazardous waste. Dispose of contents/container in accordance with local regulation.
Container disposal	Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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### SECTION 14: Transport information

#### 14.1 UN number or ID number

Not regulated as a dangerous good.

#### 14.2 UN proper shipping name

Not regulated as a dangerous good.

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good.

#### 14.4 Packing group

Not regulated as a dangerous good.

#### 14.5 Environmental hazards

Not regulated as a dangerous good.

#### 14.6 Special precautions for user

None known.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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### SECTION 15: Regulatory information

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

No data available.

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### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance by the supplier.

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### SECTION 16: Other information

#### Full text of H-Statements

Not applicable

#### Full text of other abbreviations

Not applicable

#### Classification of the mixture

Not classified

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.