

## Safety data sheet

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BASF Safety data sheet according to Regulation (EC) No. 1907/2006

Date / Revised: 24.08.2012

Version: 1.0

Product: **Cosmedia® SP**

(ID no. 30531250/SDS\_GEN\_EU/EN)

Date of print 25.08.2012

### 1. Identification of the substance/mixture and of the company/undertaking

#### Product identifier

#### **Cosmedia® SP**

Chemical name: Sodium polyacrylate

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

Relevant identified uses: Thickener, Cosmetic preparation

#### Details of the supplier of the safety data sheet

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Operating Division Care Chemicals

Telephone: +49 211 7940-2222

E-mail address: emc-ehs-masterdata@basf.com

#### Emergency telephone number

International emergency number:

Telephone: +49 180 2273-112

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### 2. Hazards Identification

#### Label elements

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

According to Directive 67/548/EEC or 1999/45/EC

EEC Directives

The product does not require a hazard warning label in accordance with EC Directives.

### **Classification of the substance or mixture**

According to Regulation (EC) No 1272/2008 [CLP]

No need for classification according to GHS criteria for this product.

According to Directive 67/548/EEC or 1999/45/EC

Possible Hazards:  
No particular hazards known.

### **Other hazards**

According to Regulation (EC) No 1272/2008 [CLP]

No specific dangers known, if the regulations/notes for storage and handling are considered.

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## **3. Composition/Information on Ingredients**

### **Substances**

Chemical nature

Sodium polyacrylate  
CAS Number: 9003-04-7

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## **4. First-Aid Measures**

### **Description of first aid measures**

If adverse health effects develop seek medical attention.

If inhaled:  
not relevant.

On skin contact:  
After contact with skin, wash immediately with plenty of water.

On contact with eyes:  
In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention if necessary.

On ingestion:  
Rinse mouth and then drink 200-300 ml of water.

**Most important symptoms and effects, both acute and delayed**

Symptoms: No significant symptoms are expected due to the non-classification of the product.

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

Treatment: Treat symptomatically.

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**5. Fire-Fighting Measures**

**Extinguishing media**

Suitable extinguishing media:  
water spray, dry powder, foam

Unsuitable extinguishing media for safety reasons:  
carbon dioxide

**Special hazards arising from the substance or mixture**

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**Advice for fire-fighters**

Special protective equipment:  
Wear a self-contained breathing apparatus.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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**6. Accidental Release Measures**

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

Use personal protective clothing. Avoid dust formation.

**Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

Dispose of absorbed material in accordance with regulations.

**Reference to other sections**

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

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## 7. Handling and Storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Avoid dust formation. Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

### Conditions for safe storage, including any incompatibilities

Suitable materials for containers: paper, High density polyethylene (HDPE)

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

Please refer to the product specific data sheet for further information.

Storage stability:

Storage temperature:  $\leq 30\text{ }^{\circ}\text{C}$

Protect from temperatures above:  $30\text{ }^{\circ}\text{C}$

### Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

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## 8. Exposure Controls/Personal Protection

### Control parameters

#### Components with workplace control parameters

No occupational exposure limits known.

#### PNEC

The obligation to register acc. to the REACH Regulation (EC) No 1907/2006 does not apply to polymers.

#### DNEL

The obligation to register acc. to the REACH Regulation (EC) No 1907/2006 does not apply to polymers.

### Exposure controls

#### Personal protective equipment

Respiratory protection:

In situations where dust may occur use appropriate certified respirators.

Hand protection:  
Not needed.

Eye protection:  
Safety glasses with side-shields (frame goggles) (e.g. EN 166)

General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin and eyes.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties

Form:	powder, fine
Colour:	white
Odour:	odourless
pH value:	5.5 - 6.5 (water, 20 °C) (DIN EN 1262)
Melting point:	not determined
Boiling point:	not determined
Flash point:	> 100 °C Aqueous preparation
Evaporation rate:	No data available.
Flammability:	No data available.
Lower explosion limit:	not determined
Upper explosion limit:	not determined
Ignition temperature:	not determined
Density:	0.50 - 0.70 g/cm <sup>3</sup> (20 °C)
Relative vapour density (air):	No data available.
Solubility in water:	partly soluble
Solubility (qualitative) solvent(s):	distilled water partly miscible
Partitioning coefficient n-octanol/water (log Kow):	not determined
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	90,000 - 115,000 mPa*s (23 °C) (DIN EN ISO 2555)
Explosion hazard:	not explosive
Fire promoting properties:	not fire-propagating



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## Other information

Other Information:

If necessary, information on other physical and chemical parameters is indicated in this section., No further information available.

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## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

Reacts with oxidizing agents.

### Conditions to avoid

See MSDS section 7 - Handling and storage.

### Incompatible materials

Substances to avoid:

No substances known that should be avoided.

### Hazardous decomposition products

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological Information

### Information on toxicological effects

#### Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion.

Experimental/calculated data:

LD50 rat (oral): > 5,000 mg/kg (Directive 84/449/EEC, B.1)

#### Irritation

Assessment of irritating effects:

Not irritating to the skin. Not irritating to the eyes.



Experimental/calculated data:

Skin corrosion/irritation rabbit: non-irritant (OECD Guideline 404)

Serious eye damage/irritation rabbit: Slightly irritating. (Draize test)

#### Respiratory/Skin sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential.

#### Germ cell mutagenicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect.

Experimental/calculated data:

Ames-test

Bacteria: negative (Directive 84/449/EEC, B.14)

#### Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect.

#### Reproductive toxicity

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect.

#### Developmental toxicity

Assessment of teratogenicity:

No data was available concerning toxicity to development.

#### Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on available Data, the classification criteria are not met.

#### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

None known

#### Aspiration hazard

No aspiration hazard expected.

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## 12. Ecological Information

### Toxicity

Toxicity to fish:

LC50 > 100 mg/l, *Leuciscus idus* (DIN EN ISO 7346-2)

Microorganisms/Effect on activated sludge:

EC0 > 100 mg/l, *Pseudomonas putida* (DIN 38412 Part 27 (draft))

### Persistence and degradability

Assessment biodegradation and elimination (H2O):

Moderately/partially eliminated from water. Poorly biodegradable.

### Bioaccumulative potential

Assessment bioaccumulation potential:

No data available concerning bioaccumulation.

### Mobility in soil (and other compartments if available)

Assessment transport between environmental compartments:

not applicable

### Results of PBT and vPvB assessment

According to Annex XIV of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. Self classification

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## 13. Disposal Considerations

### Waste treatment methods

Must be disposed of or incinerated in accordance with local regulations.

Contaminated packaging:

Uncontaminated packaging can be re-used.

Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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## 14. Transport Information

### Land transport





#### ADR

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

#### RID

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

#### Inland waterway transport

##### ADN

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known
Transport in inland waterway vessel:	Not evaluated

#### Sea transport

##### IMDG

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

### **Air transport**

#### IATA/ICAO

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

### **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Regulation:	Not evaluated
Shipment approved:	Not evaluated
Pollution name:	Not evaluated
Pollution category:	Not evaluated
Ship Type:	Not evaluated

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## **15. Regulatory Information**

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

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

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## **16. Other Information**

Information on intended use: This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the safety data sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

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