1. Identification

Product identifier used on the label

Sokalan® CP 10 S

Recommended use of the chemical and restriction on use
Suitable for use in industrial sector: chemical industry

* The “Recommended use” identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:
BASF CORPORATION
100 Park Avenue
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification
Chemical family: copolymer, polyacrylate
Synonyms: MODIFIED POLYACRYLIC ACID IN WATER

2. Hazards Identification


Classification of the product

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

Label elements

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

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


Emergency overview

Use NIOSH approved respirator as needed to mitigate exposure.
Wear NIOSH-certified chemical goggles.
Wear protective clothing.

3. Composition / Information on Ingredients


This product does not contain any components classified as hazardous under the referenced regulation.


<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Content (W/W)</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7732-18-5</td>
<td>50.0 %</td>
<td>TSRN 489909-5038-P-PC</td>
</tr>
<tr>
<td></td>
<td>50.0 %</td>
<td>Water</td>
</tr>
</tbody>
</table>

4. First-Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.

If on skin:
Wash thoroughly with soap and water.

If irritation develops, seek medical attention.

If in eyes:
Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If irritation develops, seek medical attention.

If swallowed:
Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

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
Note to physician
Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media
Suitable extinguishing media:
water spray, dry powder, foam

Special hazards arising from the substance or mixture
Hazards during fire-fighting:
harmful vapours
Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Advice for fire-fighters
Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:
Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

Further accidental release measures:
High risk of slipping due to leakage/spillage of product.

Personal precautions, protective equipment and emergency procedures
Use personal protective clothing. Information regarding personal protective measures see, section 8.

Environmental precautions
Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up
For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder).
Dispose of absorbed material in accordance with regulations.
For large amounts: Pump off product.

7. Handling and Storage

Precautions for safe handling
No special measures necessary provided product is used correctly.

Protection against fire and explosion:
No special precautions necessary.

Conditions for safe storage, including any incompatibilities
Further information on storage conditions: Keep container tightly closed and in a cool place.
8. Exposure Controls/Personal Protection

**Advice on system design:**
Provide local exhaust ventilation to control vapours/mists.

**Personal protective equipment**

**Respiratory protection:**
Respiratory protection not required.

**Hand protection:**
Chemical resistant protective gloves

**Eye protection:**
Safety glasses with side-shields.

**General safety and hygiene measures:**
Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin and eyes. Remove contaminated clothing.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>aqueous solution</td>
</tr>
<tr>
<td>Odour</td>
<td>product specific</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>yellowish</td>
</tr>
<tr>
<td>pH value</td>
<td>approx. 2</td>
</tr>
<tr>
<td>solidification temperature</td>
<td>approx. -5 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C</td>
</tr>
<tr>
<td>Flammability</td>
<td>No data available</td>
</tr>
<tr>
<td>Autoignition</td>
<td>&gt; 200 °C</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>approx. 23 mbar</td>
</tr>
<tr>
<td>Density</td>
<td>approx. 1.16 g/cm³</td>
</tr>
<tr>
<td>Relative density</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour density</td>
<td>not determined</td>
</tr>
<tr>
<td>Partitioning coefficient n-octanol/water (log Pow)</td>
<td>not applicable</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>&gt; 140 °C</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>approx. 150 mPa.s</td>
</tr>
<tr>
<td>Solubility in water</td>
<td>soluble</td>
</tr>
<tr>
<td>Miscibility with water</td>
<td>miscible in all proportions</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

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

**Corrosion to metals:**
No corrosive effect on metal.

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

**Possibility of hazardous reactions**  
No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

**Conditions to avoid**  
No data available.

**Incompatible materials**  
carbon steel (iron), light metals, strong bases, strong acids, mild steel, reactive chemicals

**Hazardous decomposition products**  
Decomposition products:  
Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:  
> 140 °C

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**11. Toxicological information**

**Primary routes of exposure**  
Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

**Acute Toxicity/Effects**

**Oral**  
Type of value: LD50  
Species: rat  
Value: > 2,000 mg/kg

**Skin**  
Species: rabbit  
Result: non-irritant  
Method: OECD Guideline 404

**Eye**  
Species: rabbit  
Result: non-irritant  
Method: OECD Guideline 405

**Chronic Toxicity/Effects**

**Other Information**  
The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.
Symptoms of Exposure

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

12. Ecological Information

Toxicity

Toxicity to fish
LC50 (96 h) > 100 mg/l, Leuciscus idus

Aquatic invertebrates
EC50 (48 h) > 200 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

Aquatic plants
EC50 (72 h) > 200 mg/l, Desmodesmus subspicatus (OECD Guideline 201)

Chronic toxicity to aquatic invertebrates
No observed effect concentration (21 d) >= 200 mg/l, Daphnia magna (OECD Guideline 211)

Microorganisms/Effect on activated sludge

Toxicity to microorganisms
DEV-L2 activated sludge, domestic, adapted/EC10: > 1,000 mg/l
Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Persistence and degradability

Elimination information
< 10 % DOC reduction (28 d) (OECD Guideline 302 B) Poorly eliminated from water.

Mobility in soil

Assessment transport between environmental compartments
The substance will not evaporate into the atmosphere from the water surface. Adsorption to solid soil phase is not expected.

Additional information

Sum parameter
Chemical oxygen demand (COD): approx. 700 mg/g

Other ecotoxicological advice:
The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition. Do not release untreated into natural waters.

13. Disposal considerations

Waste disposal of substance:
Dispose of in accordance with national, state and local regulations. It is the waste generator’s responsibility to determine if a particular waste is hazardous under RCRA.
Container disposal:
WARNING: Empty containers may still contain hazardous residue. Dispose of in accordance with national, state and local regulations.

RCRA: None

14. Transport Information

Land transport
USDOT
Not classified as a dangerous good under transport regulations

Sea transport
IMDG
Not classified as a dangerous good under transport regulations

Air transport
IATA/ICAO
Not classified as a dangerous good under transport regulations

15. Regulatory Information

Federal Regulations

Registration status:
Chemical TSCA, US released / listed

EPCRA 311/312 (Hazard categories): Not hazardous;

<table>
<thead>
<tr>
<th>CERCLA RQ</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>5000 LBS</td>
<td>79-10-7</td>
<td>acrylic acid</td>
</tr>
</tbody>
</table>

NFPA Hazard codes:
Health: 1 Fire: 1 Reactivity: 0 Special:

HMIS III rating
Health: 1 Flammability: 1 Physical hazard: 0

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2015/03/31

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