1. Identification

Product identifier used on the label

Sokalan® PA 25 CL PN

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

* The “Recommended use” identified for this product is provided solely to comply with a US 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: polyacrylic acid, partially neutralized, sodium salt, in water
Synonyms: Polyacrylic acid, partially neutralized sodium salt

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

No particular hazards known.
Avoid contact with the skin, eyes and clothing.

3. Composition / Information on Ingredients


<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Content (W/W)</th>
<th>Chemical name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7681-38-1</td>
<td>1.0 - 3.0 %</td>
<td>sodium hydrogen sulphate</td>
</tr>
</tbody>
</table>

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>68479-09-4</td>
<td>40.0 - 70.0 %</td>
<td>2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt</td>
</tr>
<tr>
<td>7681-38-1</td>
<td>1.0 - 5.0 %</td>
<td>sodium hydrogen sulphate</td>
</tr>
</tbody>
</table>

4. First-Aid Measures

Description of first aid measures

General advice:
Remove contaminated clothing.

If inhaled:
Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

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.

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**
Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-Fighting Measures

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

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

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### 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.

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### 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. Avoid direct sunlight. Keep only in the original container.
8. Exposure Controls/Personal Protection

**Personal protective equipment**

**Respiratory protection:**
Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable aerosols/dust are formed.

**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.

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>Colour</td>
<td>colourless</td>
</tr>
<tr>
<td>pH value</td>
<td>approx. 4 (10% (m)) (DIN 19268)</td>
</tr>
<tr>
<td>Solidification temperature</td>
<td>approx. -5 °C</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 100 °C (DIN 51758)</td>
</tr>
<tr>
<td>Flammability</td>
<td>not flammable</td>
</tr>
<tr>
<td>Autoignition</td>
<td>&gt; 200 °C (DIN 51794)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>approx. 23 mbar (20 °C)</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>23 hPa (20 °C)</td>
</tr>
<tr>
<td>Density</td>
<td>approx. 1.25 g/cm³ (23 °C (DIN 51757))</td>
</tr>
<tr>
<td>Partitioning coefficient n-Octanol/water (log Pow)</td>
<td>not applicable</td>
</tr>
<tr>
<td>Thermal decomposition</td>
<td>&gt; 150 °C (DIN EN ISO 2555)</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>approx. 600 mPa.s (23 °C)</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.

**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
See MSDS section 7 - Handling and storage.

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:
> 150 °C

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

Sensitization
Assessment of sensitization: Not expected to cause skin sensitization.

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

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
20 - 70 % DOC reduction (28 d) (OECD 302B; ISO 9888; 88/302/EEC, part C) Moderately/partially eliminated from water.

Mobility in soil

Assessment transport between environmental compartments
not determined

Additional information

Other ecotoxicological advice:
Do not release untreated into natural waters.

The product has not been tested. The statements on ecotoxicology have been derived from products of a similar structure and composition.

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:
Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

14. Transport Information

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

Sea transport
IMDG
15. Regulatory Information

**Federal Regulations**

**Registration status:**
Chemical TSCA, US released / listed

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

**State regulations**

<table>
<thead>
<tr>
<th>State RTK</th>
<th>CAS Number</th>
<th>Chemical name</th>
</tr>
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<tbody>
<tr>
<td>NJ</td>
<td>7681-38-1</td>
<td>sodium hydrogen sulphate</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: 2015/02/11

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