1. Identification

Product identifier used on the label

Sokalan® PA 40

Recommended use of the chemical and restriction on use
Recommended use*: Raw material; for industrial use only

* 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, sodium salt, 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
If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.


**Emergency overview**

CAUTION:
MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.
ingestion MAY CAUSE GASTRIC DISTURBANCES.

### 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 - 70.0 %</td>
<td>Water</td>
</tr>
<tr>
<td>Trade Secret</td>
<td>30.0 - 50.0 %</td>
<td>Proprietary acrylic polymer</td>
</tr>
</tbody>
</table>

### 4. First-Aid Measures

**Description of first aid measures**

**General advice:**
Remove contaminated clothing.

**If inhaled:**
If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

**If on skin:**
Wash thoroughly with soap and water.

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

**If swallowed:**
Immediately rinse mouth and then drink plenty of water, do not induce vomiting, seek medical attention.

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

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

**Indication of any immediate medical attention and special treatment needed**
5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
water spray, carbon dioxide, foam, dry powder

Special hazards arising from the substance or mixture
Hazards during fire-fighting:
No particular hazards known.

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

No data available.

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.

Environmental precautions
Contain contaminated water/firefighting water. 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. Handle in accordance with good industrial hygiene and safety practice.

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.
Protect from temperatures below: 5 °C
Protect from temperatures above: 60 °C

8. Exposure Controls/Personal Protection

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

Personal protective equipment

Respiratory protection:
Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator as needed.

Hand protection:
Chemical resistant protective gloves

Eye protection:
Safety glasses with side-shields.

General safety and hygiene measures:
Wearing of closed work clothing is recommended. Avoid contact with the skin, eyes and clothing.
Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Form: liquid
Odour: product specific
Odour threshold: No data available.
Colour: yellowish clear
pH value: 6.0 - 8.0 (DIN 19268)
solidification temperature: approx. 0 °C
Boiling point: approx. 100 °C
Flash point: not flammable No data available.
Lower explosion limit: not applicable
Upper explosion limit: For liquids not relevant for classification and labelling.
Autoignition: > 200 °C

Information on: Water

Vapour pressure: 23.4 hPa (20 °C) Literature data.

Density: 1.20 g/cm3 (20 °C)
Relative density: 1.2 (20 °C) No data available.
Vapour density: No data available.
Partitioning coefficient n-octanol/water (log Pow): No data available.
Self-ignition: not self-igniting
Temperature: Thermal decomposition: No decomposition if used correctly.
Viscosity, dynamic: 100 - 300 mPa.s (23 °C) (DIN EN ISO 3219)
Solids content: 34.0 - 36.0 % (DIN EN ISO 3251)
Evaporation rate: No data available.
10. Stability and Reactivity

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

Oxidizing properties:
not fire-propagating

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

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

Conditions to avoid
Avoid extreme temperatures.

Incompatible materials
No substances known that should be avoided.

Hazardous decomposition products

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

Thermal decomposition:
No decomposition if used correctly.

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

Acute toxicity
Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation.

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

Inhalation
Species: rat
Value: (IRT)
Exposure time: 7 h
No mortality within the stated exposition time as shown in animal studies.

Irritation / corrosion
Assessment of irritating effects: Not irritating to the eyes. Not irritating to the skin.
Skin
Species: rabbit
Result: non-irritant
Method: BASF-Test

Eye
Species: rabbit
Result: non-irritant
Method: BASF-Test

Sensitization
Assessment of sensitization: The chemical structure does not suggest a sensitizing effect.

Chronic Toxicity/Effects

Repeated dose toxicity
Assessment of repeated dose toxicity: No known chronic effects.

Genetic toxicity
Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

Carcinogenicity
Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

Reproductive toxicity
Assessment of reproduction toxicity: Not expected to cause reproductive toxicity (based on composition).

Teratogenicity
Assessment of teratogenicity: The data available for an assessment of the effect of the substance on developmental toxicity are not sufficient for a proper evaluation.

Other Information
The statement was derived from products of similar composition. Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

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

Medical conditions aggravated by overexposure
Data available do not indicate that there are medical conditions that are generally recognized as being aggravated by exposure to this substance/product. See MSDS section 11 - Toxicological information.

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: > 500 mg/l
Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.

Persistence and degradability

Assessment biodegradation and elimination (H2O)
The product can be virtually eliminated from water by abiotic processes e.g. adsorption onto activated sludge.

Elimination information

20 - 70 % DOC reduction (OECD 303A; ISO 11733; 92/69 EEC, V, C.10) Moderately/partially eliminated from water.

Bioaccumulative potential

Assessment bioaccumulation potential
The product has not been tested.

Additional information

Sum parameter

Chemical oxygen demand (COD): 390 mg/g
Biochemical oxygen demand (BOD) Incubation period 30 d: < 10 mg/g

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

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

13. Disposal considerations

Waste disposal of substance:
Dispose of in accordance with national, state and local regulations.

Container disposal:
Dispose of in accordance with national, state and local regulations.

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
15. Regulatory Information

Federal Regulations

Registration status:
Chemical: TSCA, US released / listed

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

NFPA Hazard codes:
Health: 1 Fire: 0 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: 2015/02/06

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