

# Safety Data Sheet

## Sokalan® PA 25 CL PN

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Version: 2.1

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(30042865/SDS\_GEN\_US/EN)

### 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

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### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### 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.

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### Hazards not otherwise classified

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

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

### Emergency overview

No particular hazards known.

Avoid contact with the skin, eyes and clothing.

## 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
7681-38-1	1.0 - 3.0 %	sodium hydrogen sulphate

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

**According to Regulation 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Content (W/W)</u>	<u>Chemical name</u>
68479-09-4	40.0 - 70.0 %	2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt
7681-38-1	1.0 - 5.0 %	sodium hydrogen sulphate

## 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

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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.

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Protect from temperatures below: 10 °C  
Protect from temperatures above: 32 °C

### 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

Form:	aqueous solution	
Odour:	product specific	
Colour:	colourless	
pH value:	approx. 4	( 10 %(m)) (DIN 19268)
solidification temperature:	approx. -5 °C	
Flash point:	> 100 °C	(DIN 51758)
Flammability:	not flammable	
Autoignition:	> 200 °C	(DIN 51794)
Vapour pressure:	approx. 23 mbar	( 20 °C)
<i>Information on: Water</i>		
Vapour pressure:	23 hPa	( 20 °C)
-----		
Density:	approx. 1.25 g/cm <sup>3</sup>	( 23 °C) (DIN 51757)
Partitioning coefficient n-octanol/water (log Pow):		not applicable
Thermal decomposition:	> 150 °C	
Viscosity, dynamic:	approx. 600 mPa.s	( 23 °C) (DIN EN ISO 2555)
Solubility in water:		soluble
Miscibility with water:		miscible in all proportions

### 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.

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### 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

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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

#### 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.

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### 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

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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;

### State regulations

**State RTK**

NJ

**CAS Number**

7681-38-1

**Chemical name**

sodium hydrogen sulphate

**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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