

# Safety Data Sheet

## Rheovis® PE 1331

Revision date : 2018/10/20

Version: 2.0

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(30537149/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## Rheovis® PE 1331

#### Recommended use of the chemical and restriction on use

Recommended use\*: Rheology modifier

Recommended use\*: Rheology modifier

\* 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: polyether, aqueous solution

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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.

## 3. Composition / Information on Ingredients

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

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

## 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. If irritation develops, seek medical attention.

#### If swallowed:

Rinse mouth and then drink 200-300 ml of water. Do not induce vomiting. Seek medical attention if necessary.

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

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

### 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.

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
water spray, dry powder, foam

### Special hazards arising from the substance or mixture

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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:

The degree of risk is governed by the burning substance and the fire conditions. 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. Breathing protection required.

### 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.

Place absorbed material in the same container as the spilled substance/product for disposal.

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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:

Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

Further information on storage conditions: Stir before use. Store protected against freezing.

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## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

### Advice on system design:

Ensure adequate ventilation.

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### Personal protective equipment

#### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Respiratory protection in case of vapour/aerosol release. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. Observe OSHA regulations for respirator use (29 CFR 1910.134).

#### **Hand protection:**

Chemical resistant protective gloves

#### **Eye protection:**

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

#### **General safety and hygiene measures:**

Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical and Chemical Properties

Form:	liquid
Odour:	soap-like
Odour threshold:	No applicable information available.
Colour:	yellow clear
pH value:	8.5 - 10.0
Melting point:	< 0 °C
boiling temperature:	100 °C
Flash point:	> 100 °C
Flammability:	not determined
Lower explosion limit:	For liquids not relevant for classification and labelling. The lower explosion point may be 5 - 15 °C below the flash point.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	not applicable
Vapour pressure:	not determined
Density:	1.0 - 1.06 g/cm <sup>3</sup> ( 20 °C)
Relative density:	1.0 - 1.06 ( 20 °C)
Vapour density:	not determined
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures
Self-ignition temperature:	not self-igniting
Thermal decomposition:	not determined
Viscosity, dynamic:	1,800 - 2,800 mPa*s ( 25 °C)
Solubility in water:	soluble
Evaporation rate:	not determined

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## 10. Stability and Reactivity

### **Reactivity**

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

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Oxidizing properties:  
not fire-propagating

### Chemical stability

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

### Possibility of hazardous reactions

None known

### Conditions to avoid

See MSDS section 7 - Handling and storage.

### Incompatible materials

None known during use and storage if used according to instructions.

### Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

not determined

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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

#### Acute toxicity

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

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Inhalation

Type of value: LC50

Species: rat

Exposure time: 4 h

not determined

#### Dermal

Type of value: LD50

Species: rat

not determined

#### Assessment other acute effects

No data available.

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### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin.

### Skin

Species: rabbit

Result: non-irritant

The product has not been tested. The statement has been derived from the properties of the individual components.

### Eye

Species: rabbit

Result: non-irritant

The product has not been tested. The statement has been derived from the properties of the individual components.

### Sensitization

Assessment of sensitization: Not expected to cause skin sensitization.

### other

Species: other

Result: Non-sensitizing.

The product has not been tested. The statement has been derived from the properties of the individual components.

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

### Genetic toxicity

Assessment of mutagenicity: Based on the ingredients, there is no suspicion of a mutagenic effect.

### Carcinogenicity

Assessment of carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC; NTP, OSHA or ACGIH as a carcinogen.

### Reproductive toxicity

Assessment of reproduction toxicity: Based on the ingredients, there is no suspicion of a toxic effect on reproduction.

### Teratogenicity

Assessment of teratogenicity: Based on the ingredients, there is no suspicion of a teratogenic effect.

## **Symptoms of Exposure**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

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## **12. Ecological Information**

### **Toxicity**

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### Toxicity to fish

LC50 (96 h) > 100 mg/l, Fish (other)

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

### Aquatic invertebrates

LC50 (48 h), daphnia

not determined

### Aquatic plants

EC50 (72 h), algae

not determined

### Chronic toxicity to fish

No data available.

### Chronic toxicity to aquatic invertebrates

No data available.

## **Microorganisms/Effect on activated sludge**

### Toxicity to microorganisms

EC0: > 100 mg/l

## **Persistence and degradability**

### Assessment biodegradation and elimination (H2O)

The organic component of the product is biodegradable.

### Elimination information

Not readily biodegradable (by OECD criteria).

## **Bioaccumulative potential**

### Assessment bioaccumulation potential

The product has not been tested.

## **Mobility in soil**

### Assessment transport between environmental compartments

No data available.

## **Additional information**

Add. remarks environm. fate & pathway:

Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

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## **13. Disposal considerations**

### **Waste disposal of substance:**

Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with local authority regulations.

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### Container disposal:

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

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## 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

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## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

#### NFPA Hazard codes:

Health: 1 Fire: 1 Reactivity: 0 Special:

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## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2018/10/20

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