

# Safety Data Sheet

## Rheovis® PU 1341

Revision date : 2018/11/12

Version: 1.1

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(30644480/SDS\_GEN\_MX/EN)

### 1. Identification

#### Product identifier used on the label

## Rheovis® PU 1341

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

Recommended use\*: Rheology modifier

Recommended use\*: additives

\* 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 Mexicana S.A. de C.V.

Av. Insurgentes Sur 975

Col. CD. De Los Deportes,

C.P. 03710 Ciudad de México

MÉXICO

Telephone: +52 55 5325 2600

#### Emergency telephone number

SETIQ: 1800-00-214-(Rep. Mexicana) or 55-59-15-88 (CDMX)

Telephone: +1-800-849-5204 or +1-833-229-1000

#### Other means of identification

Chemical family: Rheology modifier

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### 2. Hazards Identification

#### According to Regulation NOM-018-STPS-2015

#### Classification of the product

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

#### Label elements

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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.

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## 3. Composition / Information on Ingredients

### According to Regulation NOM-018-STPS-2015

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

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## 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.

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## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
water spray, dry powder, foam

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### 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:

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

### 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: Keep container tightly closed and dry; store in a cool place.

Protect from temperatures below: 5 °C

Protect from temperatures above: 50 °C

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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.

#### **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.

## 9. Physical and Chemical Properties

Form:	viscous, liquid	
Odour:	product specific	
Odour threshold:	No applicable information available.	
Colour:	colourless to white	
pH value:	6 - 8 ( 10 %(m))	(pH Meter)
Freezing point:	not determined	
Flash point:	> 100 °C	
Flammability:	not flammable	
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 determined	
Vapour pressure:	26.4 hPa ( 20 °C) 123.5 hPa ( 50 °C) 165.3 hPa ( 55 °C)	
Density:	1.0324 g/cm3 ( 15 °C) 1.035 g/cm3 ( 20 °C) 1.021 g/cm3 ( 50 °C)	(ISO 2811-3) (DIN 51757) (DIN 51757)
Relative density:	1.035 ( 20 °C) 1.021 ( 50 °C)	(DIN 51757) (DIN 51757)
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:	1,430 mPa.s ( 23 °C)	

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Viscosity, kinematic:	1,380 mm <sup>2</sup> /s ( 23 °C) 551 mm <sup>2</sup> /s ( 40 °C)
Solubility in water:	soluble
Solubility (qualitative):	soluble
Evaporation rate:	solvent(s): alcohols, not determined

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### 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 when stored and handled according to instructions.  
The product is chemically stable.

#### Conditions to avoid

See MSDS section 7 - Handling and storage.

#### Incompatible materials

No substances known that should be avoided.

#### Hazardous decomposition products

Decomposition products:  
Hazardous decomposition products: No hazardous decomposition products known.

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. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. The product has not been tested. The statement has been derived from the properties of the individual components.

##### Oral

Type of value: LD50

Species: rat

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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

Value: > 5 mg/l

Exposure time: 4 h

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

### Dermal

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.

### Assessment other acute effects

No data available.

### Irritation / corrosion

Assessment of irritating effects: Not irritating to eyes and skin. The product has not been tested. The statement has been derived from the properties of the individual components.

### 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: Skin sensitizing effects were not observed in animal studies. 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: The whole of the information assessable provides no indication of a carcinogenic effect.

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### 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

#### Toxicity to fish

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

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

#### 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

bacteria/EC50 (0.5 h):

not determined

## Persistence and degradability

#### Assessment biodegradation and elimination (H<sub>2</sub>O)

The polymer component of the product is poorly biodegradable.

## Bioaccumulative potential

#### Assessment bioaccumulation potential

The product has not been tested.

## Mobility in soil

#### Assessment transport between environmental compartments

No data available.

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### Additional information

Add. remarks environm. fate & pathway:  
Treatment in biological waste water treatment plants has to be performed according to local and administrative regulations.

Other ecotoxicological advice:  
Do not discharge product into the environment without control.

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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.

#### 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

TDG

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

Not applicable

#### NFPA Hazard codes:

Health: 1      Fire: 0      Reactivity: 0      Special:

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### 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2018/11/12



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This information is considered accurate but is not exhaustive and shall only be used as a guideline based on current knowledge of the chemical substance or mixture. Safety precautions suitable for the product must be applied.

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