

# Safety Data Sheet

## Rheocare® HSP-1180

Revision date : 2019/01/08

Version: 2.0

Page: 1/8

(30533542/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

**Rheocare® HSP-1180**

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

Recommended use\*: cosmetic ingredient

Recommended use\*: cosmetics

\* 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

Synonyms: cosmetic ingredient

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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.

# Safety Data Sheet

## Rheocare® HSP-1180

Revision date : 2019/01/08  
Version: 2.0

Page: 2/8  
(30533542/SDS\_GEN\_US/EN)

### 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

#### If inhaled:

Fresh air.

#### If on skin:

After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing and shoes. Wash contaminated clothing before reuse. If irritation should develop, seek medical attention.

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Washing within one minute is essential to achieve maximum effectiveness. Seek medical attention.

#### If swallowed:

Do not induce vomiting. If vomiting occurs naturally, keep airway clear. Obtain medical attention. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

### 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.

Hazards: No hazard is expected under intended use and appropriate handling.

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

Treatment: Treat symptomatically.

## 5. Fire-Fighting Measures

### Extinguishing media

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

### Special hazards arising from the substance or mixture

# Safety Data Sheet

## Rheocare® HSP-1180

Revision date : 2019/01/08  
Version: 2.0

Page: 3/8  
(30533542/SDS\_GEN\_US/EN)

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:  
Wear a self-contained breathing apparatus.

### Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations.

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## 7. Handling and Storage

### Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

### Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Storage stability:

Storage temperature: 20 - 40 °C

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## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

### Advice on system design:

Ensure adequate ventilation.

# Safety Data Sheet

## Rheocare® HSP-1180

Revision date : 2019/01/08  
Version: 2.0

Page: 4/8  
(30533542/SDS\_GEN\_US/EN)

### Personal protective equipment

#### **Respiratory protection:**

Not applicable with adequate ventilation. Wear a NIOSH-certified (or equivalent) respirator as necessary. Follow manufacturer's recommendations.

#### **Hand protection:**

Plastic gloves, Rubber gloves

#### **Eye protection:**

Safety glasses with side-shields.

#### **Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

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

Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

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## 9. Physical and Chemical Properties

Form:	liquid, viscous	
Odour:	slight odour	
Odour threshold:	not applicable	
Colour:	colourless	
	clear	
pH value:	1.0 - 3.0	(ISO 4316)
Flash point:	> 101 °C	(ASTM D93)
	Aqueous preparation	
Flammability:	not flammable	
Flammability of Aerosol Products:	not applicable, the product does not form flammable aerosols	
Lower explosion limit:	For liquids not relevant for classification and labelling.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Autoignition:	not determined	
Vapour pressure:	not determined	
Density:	0.99 - 1.01 g/cm <sup>3</sup>	
	( 20 °C)	
Vapour density:	not applicable	
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures	
Self-ignition temperature:	not applicable	
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.	
Viscosity, dynamic:	200,000 - 600,000 mPa*s	(DIN EN ISO 2555)
	( 25.0 °C)	
Viscosity, kinematic:	not determined	
Solubility in water:	soluble	
Solubility (qualitative):	soluble	
	solvent(s): distilled water,	
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.	

# Safety Data Sheet

## Rheocare® HSP-1180

Revision date : 2019/01/08  
Version: 2.0

Page: 5/8  
(30533542/SDS\_GEN\_US/EN)

Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section. No further information available.
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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

Reacts with strong oxidizing agents.

### 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 if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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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.

#### Primary routes of entry

Inhalation.

Dermal contact.

Ingestion.

### Acute Toxicity/Effects

#### Acute toxicity

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

#### Oral

Type of value: LD50

Value: > 2,000 mg/kg

#### Assessment other acute effects

# Safety Data Sheet

## Rheocare® HSP-1180

Revision date : 2019/01/08  
Version: 2.0

Page: 6/8  
(30533542/SDS\_GEN\_US/EN)

Assessment of STOT single:  
Based on available Data, the classification criteria are not met.

Irritation / corrosion  
Assessment of irritating effects: Not irritating to the skin. Not irritating to the eyes.

Sensitization  
Assessment of sensitization: There is no evidence of a skin-sensitizing potential.

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: The chemical structure does not suggest a specific alert for such an effect.

Carcinogenicity  
Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

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

Teratogenicity  
Assessment of teratogenicity: No data was available concerning toxicity to development.

Other Information  
The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

### 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

Aquatic toxicity  
Assessment of aquatic toxicity:  
The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish  
LC50 > 100 mg/l

### Microorganisms/Effect on activated sludge

# Safety Data Sheet

## Rheocare® HSP-1180

Revision date : 2019/01/08  
Version: 2.0

Page: 7/8  
(30533542/SDS\_GEN\_US/EN)

### Toxicity to microorganisms

EC0: > 100 mg/l

### **Persistence and degradability**

#### Assessment biodegradation and elimination (H2O)

Poorly biodegradable.

#### Elimination information

Poorly biodegradable.

### **Bioaccumulative potential**

#### Assessment bioaccumulation potential

No data available.

### **Mobility in soil**

#### Assessment transport between environmental compartments

not applicable

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## 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:**

Empty contaminated containers/packaging must be handled according to applicable regulations for the hazardous properties of the contaminating material.

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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:

# Safety Data Sheet

## Rheocare® HSP-1180

Revision date : 2019/01/08  
Version: 2.0

Page: 8/8  
(30533542/SDS\_GEN\_US/EN)

Chemical	TSCA, US	released / listed
Cosmetic	TSCA, US	released / exempt

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

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
1000 LBS	17375-41-6	Sulfuric acid, iron(2+) salt (1:1), monohydrate

**NFPA Hazard codes:**

Health: 0      Fire: 1      Reactivity: 0      Special:

**HMIS III rating**

Health: 0      Flammability: 1      Physical hazard: 0

## 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations  
SDS Prepared on: 2019/01/08

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