

Safety data sheet

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BASF Safety data sheet
Date / Revised: 06.11.2020
Product: **Rheovis® HS 1980**

Version: 2.0

(30492472/SDS_GEN_TH/EN)

Date of print 23.10.2025

1. Substance/preparation and manufacturer/supplier identification

Rheovis® HS 1980

Use: Raw material, for industrial use only

Manufacturer/supplier:

BASF (Thai) Limited
23rd Floor, Emporium Tower, 622, Sukhumvit 24 Rd.,
Klongton, Klongtoey, Bangkok 10110, THAILAND
Telephone: +66 2624-1999
Telefax number: +66 2664-9254
E-mail address: Thailand-SDS-info@basf.com

Emergency information:

International emergency number:
Telephone: +49 180 2273-112

2. Hazard identification

Classification according to UN GHS 2009

Classification of the substance and mixture:

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

Label elements and precautionary statement:

| The product does not require a hazard warning label in accordance with GHS criteria.

Other hazards which do not result in classification:

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

3. Composition/information on ingredients

Chemical nature

Polymer based on: acrylic ester, methacrylic ester, copolymer

| No particular hazards known.

4. First-Aid Measures

General advice:

Remove contaminated clothing.

If inhaled:

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

Wash thoroughly with soap and water

On contact with eyes:

Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Note to physician:

Symptoms: (Further) symptoms and / or effects are not known so far

Treatment: Symptomatic treatment (decontamination, vital functions).

5. Fire-Fighting Measures

Suitable extinguishing media:

foam, carbon dioxide, dry powder, water spray

Specific hazards:

No particular hazards known.

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

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

6. Accidental Release Measures

Personal precautions:

Avoid dust formation. Sources of ignition should be kept well clear.

Environmental precautions:
Do not release untreated into natural waters.

Methods for cleaning up or taking up:
For small amounts: Pick up in dry form. Dispose of absorbed material in accordance with regulations.
For large amounts: Pick up in dry form. Dispose of absorbed material in accordance with regulations.

7. Handling and Storage

Handling

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Avoid deposition of dust. Dust can form an explosive mixture with air. Sources of ignition should be kept well clear. Take precautionary measures against static discharges.

Storage

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

8. Exposure controls and personal protection

Components with occupational exposure limits

| No substance specific occupational exposure limits known.

Personal protective equipment

Respiratory protection:

| Respiratory protection in case of vapour/aerosol release. Particle filter with medium efficiency for solid and liquid particles (e.g. EN 143 or 149, Type P2 or FFP2)

Hand protection:

| Chemical resistant protective gloves

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other

Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

| Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

| Safety glasses with side-shields.

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

9. Physical and Chemical Properties

Form:	powder	
Colour:	white	
Odour:	pungent odour	
Odour threshold:	No data available.	
pH value:	4.5 - 6.0 (water, 30 %(m))	(DIN ISO 976)
softening temperature:	No data available.	
Boiling range:	not applicable	
Flash point:	No data available.	
Evaporation rate:	The product is a non-volatile solid.	
Flammability (solid/gas):	not flammable	(derived from flash point)
Lower explosion limit:	20 g/m ³	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Ignition temperature:	> 200 °C	
Thermal decomposition:	No decomposition if used correctly.	
Self ignition:	Temperature: 275 °C	(Method: VDI 2263, sheet 1, 1.4.1)
Minimum ignition energy:	> 30 - < 100 mJ	(DIN EN 13821)
	Inductivity: 0.1 mH	
Explosion hazard:	not explosive	
Fire promoting properties:	not fire-propagating	
Vapour pressure:	No data available.	
Density:	No data available.	
Relative density:	No data available.	
Bulk density:	300 - 500 kg/m ³ (20 °C)	(DIN EN ISO 60)
Relative vapour density (air):	No data available.	

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Solubility in water: soluble
Miscibility with water: completely (e.g. $\geq 90\%$)
Solubility (quantitative) : insoluble
Partitioning coefficient n-octanol/water (log Pow): No data available.
Viscosity, dynamic: not applicable, the product is a solid
Solids content: $\geq 97.0\%$

(DIN EN ISO 3251)

10. Stability and Reactivity

Conditions to avoid:
Avoid extreme temperatures. Avoid dust formation.

Thermal decomposition: No decomposition if used correctly.

Substances to avoid:
No substances known that should be avoided.

Hazardous reactions:
Dust explosion hazard.

Hazardous decomposition products:
No data available.

11. Toxicological Information

Acute toxicity

Experimental/calculated data:
ATE other (oral): $> 5,000$ mg/kg

Irritation

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.

Experimental/calculated data:
Skin corrosion/irritation rabbit:
not determined

Serious eye damage/irritation rabbit:
not determined

Respiratory/Skin sensitization

Assessment of sensitization:

A sensitizing effect on particularly sensitive individuals cannot be excluded. The product has not been tested. The statement has been derived from the properties of the individual components.

Experimental/calculated data:

| not determined

Germ cell mutagenicity**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).

Developmental toxicity**Assessment of teratogenicity:**

| Based on the ingredients, there is no suspicion of a teratogenic effect.

Specific target organ toxicity (single exposure):

| Remarks: No data available.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)**Experimental/calculated data:**

Not expected to cause chronic toxic effects.

Aspiration hazard

No aspiration hazard expected.

Other relevant toxicity information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

12. Ecological Information**Ecotoxicity****Assessment of aquatic toxicity:**

There is a high probability that the product is not acutely harmful to aquatic organisms.

Toxicity to fish:

LC50 (96 h), Fish (other)
not determined

Aquatic invertebrates:

LC50 (48 h), daphnia (other)
not determined

Aquatic plants:

EC50 (72 h), algae (other)
not determined

Microorganisms/Effect on activated sludge:

EC50 (0.5 h), bacteria (other)
not determined

Chronic toxicity to fish:

No data available.

Chronic toxicity to aquatic invertebrates:

No data available.

Assessment of terrestrial toxicity:

No data available concerning terrestrial toxicity.

Mobility

Assessment transport between environmental compartments:

No data available.

Bioaccumulation potential

Assessment bioaccumulation potential:

The product has not been tested.

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 release untreated into natural waters. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations. The local regulations on waste-water treatment must be followed.

13. Disposal Considerations

Must be sent to a suitable incineration plant, observing local regulations.

A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage.

Observe national and local legal requirements.

14. Transport Information

Domestic transport:

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

15. Regulatory Information

Other regulations

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

16. Other Information

Any other intended applications should be discussed with the manufacturer.

Vertical lines in the left hand margin indicate an amendment from the previous version.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.