

Safety Data Sheet

Rheovis® AS 1180

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Version: 1.0

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(30041264/SDS_GEN_MX/EN)

1. Identification

Product identifier used on the label

Rheovis® AS 1180

Recommended use of the chemical and restriction on use

Recommended use*: Raw material, for industrial use only

Recommended use*: Raw material; for industrial use only

* 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

24 Hour Emergency Response Information

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

2. Hazards Identification

According to Regulation NOM-018-STPS-2015

Classification of the product

Flam. Liq.	4
Eye Dam./Irrit.	2A
Aquatic Acute	2

Flammable liquids
Serious eye damage/eye irritation
Hazardous to the aquatic environment - acute

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Label elements

Pictogram:



Signal Word:
Warning

Hazard Statement:

H227	Combustible liquid.
H319	Causes serious eye irritation.
H401	Toxic to aquatic life.

Precautionary Statements (Prevention):

P280	Wear eye protection.
P273	Avoid release to the environment.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves and eye protection or face protection.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical attention.
P370 + P378	In case of fire: Use water spray, dry powder or foam for extinction.

Precautionary Statements (Storage):

P403	Store in a well-ventilated place.
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Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local regulations.
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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 NOM-018-STPS-2015

Ammonium hydroxide

CAS Number: 1336-21-6
Content (W/W): ≥ 0.0 - $< 0.2\%$
Synonym: Ammonium hydroxide; Aqueous ammonia

Alcohols, C12-15-branched and linear, ethoxylated propoxylated

CAS Number: 120313-48-6
Content (W/W): ≥ 1.0 - $< 3.0\%$
Synonym: No data available.

Distillates (petroleum), hydrotreated light

CAS Number: 64742-47-8
Content (W/W): ≥ 20.0 - $< 25.0\%$

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Synonym: No data available.

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, consult an eye specialist. Remove contact lenses, if present. If symptoms persist, seek medical advice.

If swallowed:

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

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Information on: Ammonium hydroxide

Symptoms: Overexposure may cause: chest discomfort, blindness, respiratory disorders, wheezing, coughing, lacrimation

Information on: Alcohols, C12-15-branched and linear, ethoxylated propoxylated

Information on: Distillates (petroleum), hydrotreated light

Hazards: When inhaled (e.g. during vomiting) risk of pulmonary oedema and/or pneumonia.

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

Unsuitable extinguishing media for safety reasons:
No data available.

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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:

Contaminated extinguishing water must be disposed of in accordance with official regulations.

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.

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.

7. Handling and Storage

Precautions for safe handling

Wear suitable personal protective clothing and equipment.

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 dry; store in a cool place.

Storage stability:

Storage temperature: -10 - 35 °C

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

Ammonium hydroxide

OEL, MX:

OEL, MX:

TWA value 25 ppm ;

STEL value 35 ppm ;

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Distillates, petroleum	OEL, MX:	Skin Designation ; The substance can be absorbed through the skin.
	OEL, MX:	TWA value 200 mg/m3 ;

Advice on system design:

Provide local exhaust ventilation to control vapours/mists.

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:

Tightly fitting safety goggles (chemical goggles). 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:	liquid	
Odour:	ammonia-like	
Odour threshold:	No data available.	
Colour:	white	
pH value:	7.5 - 9.0	(DIN ISO 976)
Freezing point:	not determined	
Melting point:	not determined	
Flash point:	74 °C	(DIN 51758)
Flammability:	not flammable	(derived from flash point)
Lower explosion limit:	34.9 %(V)	
Upper explosion limit:	90.5 %(V)	
Autoignition:	455 °C	(DIN 51794)
Vapour pressure:	123 mbar (50 °C)	
Density:	approx. 1.0 g/cm3 (20 °C)	(ISO 2811-1)
Vapour density:	not determined	
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures	
Self-ignition temperature:	not self-igniting	
Thermal decomposition:	No decomposition if used as directed.	
Viscosity, dynamic:	100 - 300 mPa.s (23 °C)	(DIN EN ISO 3219)
Solids content:	26.0 - 32.0 %	(DIN EN ISO 3251)
Solubility in water:	(20 °C) dispersible	
Miscibility with water:	miscible	
Molar mass:	No data available.	

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Evaporation rate: not determined

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.

Conditions to avoid

Avoid extreme temperatures.

Incompatible materials

strong oxidizing agents, strong acids, strong bases

Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

No decomposition if used as directed.

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 (male/female)

Value: > 5,000 mg/kg (BASF-Test)

Inhalation

Type of value: LC50

Species: rat

not determined

Dermal

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Type of value: LD50
Species: rat
not determined

Assessment other acute effects
No data available.

Irritation / corrosion
Assessment of irritating effects: Irritating to eyes.

Skin
Species: rabbit
Result: non to mildly irritating
Method: OECD Guideline 404
The product has not been tested. The statement has been derived from the properties of the individual components.

Eye
Species: rabbit
Result: Irritant.
Method: OECD Guideline 405
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. 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: No data available.

Genetic toxicity
Assessment of mutagenicity: The substance was not mutagenic in bacteria.

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: No data available.

Teratogenicity
Assessment of teratogenicity: No data available.

12. Ecological Information

Toxicity

Aquatic toxicity
Assessment of aquatic toxicity:
Acutely toxic for aquatic organisms.

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Toxicity to fish

LC50 (96 h) 71 mg/l, Brachydanio rerio (OECD 203; ISO 7346; 92/69/EEC, C.1, semistatic)

Aquatic invertebrates

EC50 (48 h) 3 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)

Aquatic plants

EC50 (72 h) 4.5 mg/l (growth rate), Scenedesmus subspicatus (OECD Guideline 201, static)

Chronic toxicity to fish

No data available.

Chronic toxicity to aquatic invertebrates

No data available.

Microorganisms/Effect on activated sludge

Toxicity to microorganisms

DEV-L2 Bacteria: > 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

> 70 % COD reduction (OECD 302B; ISO 9888; 88/302/EEC, part C) Easily eliminated from water.

Bioaccumulative potential

Bioaccumulation potential

No data available.

Mobility in soil

Assessment transport between environmental compartments

No data available.

Additional information

Sum parameter

Chemical oxygen demand (COD): 635 mg/g

Biochemical oxygen demand (BOD) Incubation period 5 d: 235 mg/g

Biochemical oxygen demand (BOD) Incubation period 30 d: 605 mg/g

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.

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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:

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

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

15. Regulatory Information

Federal Regulations

Not applicable

NFPA Hazard codes:

Health: 2 Fire: 2 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2021/08/27

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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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