

# Safety Data Sheet

## Efka® RM 1506

Revision date : 2022/07/27

Version: 4.0

Page: 1/11

(30655506/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

**Efka® RM 1506**

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

Recommended use\*: Coating raw material for industrial applications, Rheology modifier, Thixotropic agent

Recommended use\*: Raw material

Unsuitable for use: Uses other than recommended

\* 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

##### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Chemical family: Solution based on: polyethylene wax, organic solvent

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### 2. Hazards Identification

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

#### Classification of the product

Flam. Sol.	1	Flammable solids
Acute Tox.	4 (Inhalation - vapour)	Acute toxicity

# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27

Version: 4.0

Page: 2/11

(30655506/SDS\_GEN\_US/EN)

Acute Tox.	4 (dermal)	Acute toxicity
Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	2A	Serious eye damage/eye irritation
STOT SE	3 (irritating to respiratory system)	Specific target organ toxicity — single exposure
STOT RE	2	Specific target organ toxicity — repeated exposure

### Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H228	Flammable solid.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H312 + H332	Harmful in contact with skin or if inhaled
H373	May cause damage to organs (Liver, Kidney) through prolonged or repeated exposure.

Precautionary Statements (Prevention):

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.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear eye protection.
P260	Do not breathe dust/gas/mist/vapours.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P240	Ground and bond container and receiving equipment.
P264	Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P312	Call a POISON CENTER or physician if you feel unwell.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P314	Get medical advice/attention if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P361 + P364	Take off immediately all contaminated clothing and wash it before reuse.
P332 + P313	If skin irritation occurs: Get medical attention.
P370 + P378	In case of fire: Use foam or dry powder for extinction.

Precautionary Statements (Storage):

P403 + P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

Precautionary Statements (Disposal):

# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27  
Version: 4.0

Page: 3/11  
(30655506/SDS\_GEN\_US/EN)

P501 Dispose of contents/container in accordance with local regulations.

### 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 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Xylene

CAS Number: 1330-20-7  
Content (W/W):  $\geq 75.0$  -  $\leq 100.0\%$   
Synonym: Xylene; Dimethylbenzene

#### ethylbenzene

CAS Number: 100-41-4  
Content (W/W):  $\geq 0.0$  -  $< 0.1\%$   
Synonym: Ethylbenzene

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## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Immediately remove contaminated clothing.

#### If inhaled:

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

#### If on skin:

Wash affected areas thoroughly with soap and water. 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:

Immediately rinse mouth and then drink 200 - 300 ml water, do not induce vomiting, seek 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: (Further) symptoms and / or effects are not known so far

*Information on: Xylene*

*Symptoms: Overexposure may cause: coma, weakness, lethargy, confusion, dyspnea, nausea, headache, dizziness*

# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27

Version: 4.0

Page: 4/11

(30655506/SDS\_GEN\_US/EN)

*Information on: ethylbenzene*

*Symptoms: Overexposure may cause: Eye irritation, skin irritation, irritation of the mucous membranes, erythema, nausea, headache, dizziness, diarrhea, abdominal cramps, dermatitis, loss of hearing, Ingestion may provoke the following symptoms: asphyxia, dyspnea, choking, respiratory arrest, circulatory collapse*

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### 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:  
dry powder, foam

Unsuitable extinguishing media for safety reasons:  
carbon dioxide

Additional information:

Avoid whirling up the material/product because of the danger of dust explosion.

### 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:  
Wear a self-contained breathing apparatus.

### 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

Avoid dust formation. Use personal protective clothing.

### Environmental precautions

Notify proper authorities. Contain contaminated water/firefighting water. Do not discharge into waterways or sewer systems without proper authorization.

### Methods and material for containment and cleaning up

For small amounts: Contain with dust binding material and dispose of.

For large amounts: Pick up with suitable appliance and dispose of.

# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27

Version: 4.0

Page: 5/11

(30655506/SDS\_GEN\_US/EN)

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## 7. Handling and Storage

### Precautions for safe handling

Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion:

Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

### 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: 10 °C

Protect from temperatures above: 50 °C

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## 8. Exposure Controls/Personal Protection

### Components with occupational exposure limits

Xylene	ACGIH, US:	TWA value 100 ppm ;
	ACGIH, US:	STEL value 150 ppm ;
	OSHA Z1:	PEL 100 ppm 435 mg/m <sup>3</sup> ;

ethylbenzene	ACGIH, US:	TWA value 20 ppm ;
	OSHA Z1:	PEL 100 ppm 435 mg/m <sup>3</sup> ;

### Advice on system design:

Provide local exhaust ventilation to control mists.

### Personal protective equipment

Respiratory protection:

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.

### Body protection:

Impermeable protective clothing

### General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

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# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27

Version: 4.0

Page: 6/11

(30655506/SDS\_GEN\_US/EN)

### 9. Physical and Chemical Properties

Form:	pasty to waxy	
Odour:	solvent-like	
Odour threshold:	not determined	
Colour:	white to beige	
pH value:	not applicable	
Melting temperature:	not determined	
Freezing point:	not determined	
boiling temperature:	138 °C ( 1,013 hPa) Information applies to the solvent.	
Flash point:	26 °C	
Flammability:	not flammable	
Lower explosion limit:	1 %(V) Information applies to the solvent.	
Upper explosion limit:	6 %(V) Information applies to the solvent.	
Autoignition:	400 °C	
Vapour pressure:	not applicable	
Density:	0.88 g/cm <sup>3</sup>	(ISO 2811-3)
	( 20 °C, 1,013 hPa)	
Relative density:	0.88	(ISO 2811-3)
	( 20 °C, 1,013 hPa)	
Vapour density:	The product is a non-volatile solid.	
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures	
Self-ignition temperature:	not self-igniting	
Thermal decomposition:	not determined	
Viscosity, dynamic:	not determined	
Solids content:	20 % ( 20 °C)	
Particle size:	No data available.	
Solubility in water:	not soluble	
Solubility (quantitative):	insoluble	
Solubility (qualitative):	soluble solvent(s): organic solvents,	
Molar mass:	No data available.	
Evaporation rate:	The product is a non-volatile solid.	

### 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 chemically stable.

#### Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.  
The product is chemically stable.

# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27

Version: 4.0

Page: 7/11

(30655506/SDS\_GEN\_US/EN)

### Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid dust formation.

### 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:

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

#### Oral

Type of value: LD50

Species: rat

Value: > 2,000 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: 10 - 20 mg/l

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: 1,000 - 2,000 mg/kg

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

#### Irritation / corrosion

Assessment of irritating effects: Irritating to eyes, respiratory system and skin.

#### Skin

Species: rabbit

Result: Irritant.

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

# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27  
Version: 4.0

Page: 8/11  
(30655506/SDS\_GEN\_US/EN)

### Eye

Species: rabbit

Result: Irritant.

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

### Aspiration Hazard

not applicable

## 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.

### 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.

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## 12. Ecological Information

### Toxicity

#### Aquatic toxicity

Assessment of aquatic toxicity:

Acutely toxic for aquatic organisms. May cause long-term adverse effects in the aquatic environment. The product has not been tested. The statement has been derived from the properties of the individual components.

#### 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) > 100 mg/l, daphnia

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

#### Aquatic plants

EC50 (72 h) > 100 mg/l, algae

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



# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27

Version: 4.0

Page: 9/11

(30655506/SDS\_GEN\_US/EN)

### Chronic toxicity to fish

No data available.

### Chronic toxicity to aquatic invertebrates

No data available.

## Microorganisms/Effect on activated sludge

### Toxicity to microorganisms

other

bacteria/EC50 (0.5 h):

not determined

## Persistence and degradability

### Assessment biodegradation and elimination (H2O)

The polymer component of the product is poorly biodegradable. The product has not been tested. The statement has been derived from the properties of the individual components.

## Mobility in soil

### Assessment transport between environmental compartments

No data available.

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## 13. Disposal considerations

Waste disposal of substance:

Must be disposed of or incinerated in accordance with local regulations.

Dispose of in a licensed facility. Do not discharge into drains/surface waters/groundwater. 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. Empty containers or liners may retain product residues. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

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## 14. Transport Information

### Land transport

USDOT

Hazard class:	4.1
Packing group:	II
ID number:	UN 1325
Hazard label:	4.1
Proper shipping name:	FLAMMABLE SOLID, ORGANIC, N.O.S. (contains ETHYLBENZENE)

### Sea transport

IMDG

Hazard class:	4.1
Packing group:	II
ID number:	UN 1325
Hazard label:	4.1

# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27

Version: 4.0

Page: 10/11

(30655506/SDS\_GEN\_US/EN)

Marine pollutant: NO  
Proper shipping name: FLAMMABLE SOLID, ORGANIC, N.O.S. (contains ETHYLBENZENE)

### Air transport

IATA/ICAO

Hazard class: 4.1  
Packing group: II  
ID number: UN 1325  
Hazard label: 4.1  
Proper shipping name: FLAMMABLE SOLID, ORGANIC, N.O.S. (contains ETHYLBENZENE)

## 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.

#### EPCRA 313:

<u>CAS Number</u>	Chemical name
1330-20-7	Xylene

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
100 LBS	1330-20-7	Xylene

### State regulations

<u>State RTK</u>	<u>CAS Number</u>	<u>Chemical name</u>
NJ	1330-20-7	Xylene
PA	1330-20-7	Xylene

#### NFPA Hazard codes:

Health: 3 Fire: 3 Reactivity: 1 Special:

## 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations  
SDS Prepared on: 2022/07/27

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our

# Safety Data Sheet

## Efka® RM 1506

Revision date: 2022/07/27

Version: 4.0

Page: 11/11

(30655506/SDS\_GEN\_US/EN)

operations on society and the environment during production, storage, transport, use and disposal of our products.

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