

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Version: 2.0

Page: 1/10

(30655506/SDS_GEN_MX/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

* 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: Solution based on: polyethylene wax, organic solvent

2. Hazards Identification

According to Regulation NOM-018-STPS-2015

Classification of the product

| | | |
|-------------------|-------------------------|---------------------------|
| Flam. Sol. | 1 | Flammable solids |
| Acute Tox. | 4 (Inhalation - vapour) | Acute toxicity |
| Acute Tox. | 4 (dermal) | Acute toxicity |
| Skin Corr./Irrit. | 2 | Skin corrosion/irritation |

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Page: 2/10

Version: 2.0

(30655506/SDS_GEN_MX/EN)

| | | |
|----------------------------|---|---|
| Eye Dam./Irrit. STOT SE | 2A 3 (irritating to respiratory system) | Serious eye damage/eye irritation 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. |
| H373 | May cause damage to organs (Liver, Kidney) through prolonged or repeated exposure. |
| H312 + H332 | Harmful in contact with skin or if inhaled |

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 doctor/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. |
| P303 + P352 | IF ON SKIN (or hair): 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 advice/attention. |
| P370 + P378 | In case of fire: Use foam or dry powder for extinction. |
| P337 + P311 | If eye irritation persists: Call a POISON CENTER or doctor/physician. |

Precautionary Statements (Storage):

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

Precautionary Statements (Disposal):

| | |
|------|--|
| P501 | Dispose of contents and container to hazardous or special waste collection point. |
|------|--|

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17
Version: 2.0

Page: 3/10
(30655506/SDS_GEN_MX/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 NOM-018-STPS-2015

xylene

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

ethylbenzene

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

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:

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

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: 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.

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.

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Version: 2.0

Page: 4/10

(30655506/SDS_GEN_MX/EN)

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.

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.

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

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Version: 2.0

Page: 5/10

(30655506/SDS_GEN_MX/EN)

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

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

| | | |
|--------|-----------------|--|
| xylene | Exposure limits | TWA value 100 ppm ; STEL value 150 ppm ; |
|--------|-----------------|--|

| | | |
|--------------|-----------------|--------------------|
| ethylbenzene | Exposure limits | TWA value 20 ppm ; |
|--------------|-----------------|--------------------|

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) and face shield.

Body protection:

Impermeable protective clothing

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

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 |

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Version: 2.0

Page: 6/10

(30655506/SDS_GEN_MX/EN)

| | | |
|---|---|--------------|
| Density: | 0.88 g/cm ³ (20 °C, 1,013 hPa) | (ISO 2811-3) |
| Relative density: | 0.88 (20 °C, 1,013 hPa) | (ISO 2811-3) |
| 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 | |
| Molar mass: | solvent(s): organic solvents, 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 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 SDS section 7 - Handling and storage.

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

11. Toxicological information

Primary routes of exposure

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Page: 7/10

Version: 2.0

(30655506/SDS_GEN_MX/EN)

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.

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.

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Version: 2.0

Page: 8/10

(30655506/SDS_GEN_MX/EN)

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.

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.

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.

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Version: 2.0

Page: 9/10

(30655506/SDS_GEN_MX/EN)

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.

14. Transport Information

Land transport

TDG

| | |
|-----------------------|--|
| 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 |
| 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

Not applicable

NFPA Hazard codes:

Safety Data Sheet

Efka® RM 1506

Revision date : 2020/01/17

Version: 2.0

Page: 10/10

(30655506/SDS_GEN_MX/EN)

Health: 3 Fire: 3 Reactivity: 1 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2020/01/17

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

Efka® RM 1506 is a registered trademark of BASF Mexicana or BASF SE

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.

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE , IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.
END OF DATA SHEET