

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04

Version: 2.0

Page: 1/9

(30530797/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

**Efka® RM 1900**

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

\* 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: Proprietary thixotropic triglyceride/amide mixture

### 2. Hazards Identification

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

#### Classification of the product

|                  |                      |                                                |
|------------------|----------------------|------------------------------------------------|
| Skin Sens.       | 1                    | Skin sensitization                             |
| Aquatic Acute    | 3                    | Hazardous to the aquatic environment - acute   |
| Aquatic Chronic  | 3                    | Hazardous to the aquatic environment - chronic |
| Combustible Dust | Combustible Dust (1) | Combustible Dust                               |

#### Label elements

Pictogram:

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04  
Version: 2.0

Page: 2/9  
(30530797/SDS\_GEN\_US/EN)



Signal Word:  
Warning

Hazard Statement:

|      |                                                    |
|------|----------------------------------------------------|
| H317 | May form combustible dust concentration in air.    |
| H317 | May cause an allergic skin reaction.               |
| H402 | Harmful to aquatic life.                           |
| H412 | Harmful to aquatic life with long lasting effects. |

Precautionary Statements (Prevention):

|      |                                                                        |
|------|------------------------------------------------------------------------|
| P280 | Wear protective gloves.                                                |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray.                      |
| P273 | Avoid release to the environment.                                      |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |

Precautionary Statements (Response):

|             |                                                                              |
|-------------|------------------------------------------------------------------------------|
| P303 + P352 | IF ON SKIN (or hair): Wash with plenty of soap and water.                    |
| P333 + P311 | If skin irritation or rash occurs: Call a POISON CENTER or doctor/physician. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse.                     |

Precautionary Statements (Disposal):

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

### Hazards not otherwise classified

The product is under certain conditions capable of dust explosion.

## 3. Composition / Information on Ingredients

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

| <u>CAS Number</u> | <u>Weight %</u>   | <u>Chemical name</u>                                 |
|-------------------|-------------------|------------------------------------------------------|
| 123-26-2          | >= 20.0 - < 30.0% | N,N'-Ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide) |

## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Immediately remove contaminated clothing.

#### If inhaled:

Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

#### If on skin:

Wash affected areas thoroughly with soap and water. Seek medical attention.

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04  
Version: 2.0

Page: 3/9  
(30530797/SDS\_GEN\_US/EN)

### **If in eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

### **If swallowed:**

Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek medical attention if necessary.

### **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.

### **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:  
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:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

### **Further information:**

Dusty conditions may ignite explosively in the presence of an ignition source causing flash fire.

---

## **6. Accidental release measures**

### Further accidental release measures:

Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

### **Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Use personal protective clothing.

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04  
Version: 2.0

Page: 4/9  
(30530797/SDS\_GEN\_US/EN)

### Environmental precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with suitable appliance and dispose of.  
For large amounts: Contain with dust binding material and dispose of.  
Avoid raising dust. Nonsparking tools should be used.

---

## 7. Handling and Storage

### Precautions for safe handling

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

Closed containers should only be opened in well-ventilated areas.

Protection against fire and explosion:

Avoid dust formation. Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

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

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

Protect from temperatures above: 50 °C

---

## 8. Exposure Controls/Personal Protection

No occupational exposure limits known.

### Advice on system design:

It is recommended that all dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen deficient environment. Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment). Use only appropriately classified electrical equipment and powered industrial trucks.

### 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. Observe OSHA regulations for respirator use (29 CFR 1910.134).

#### Hand protection:

Chemical resistant protective gloves

#### Eye protection:

Safety glasses with side-shields. Wear face shield if splashing hazard exists.

#### General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice.

---

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04

Version: 2.0

Page: 5/9

(30530797/SDS\_GEN\_US/EN)

### 9. Physical and Chemical Properties

|                                                     |                                                           |
|-----------------------------------------------------|-----------------------------------------------------------|
| Form:                                               | powder                                                    |
| Odour:                                              | of vegetable oils                                         |
| Odour threshold:                                    | not determined                                            |
| Colour:                                             | white                                                     |
| pH value:                                           | not applicable                                            |
| melting range:                                      | 136 - 140 °C                                              |
| Boiling point:                                      | not determined                                            |
| Flash point:                                        | not applicable, the product is a solid                    |
| Flammability:                                       | not flammable                                             |
| Lower explosion limit:                              | For solids not relevant for classification and labelling. |
| Upper explosion limit:                              | For solids not relevant for classification and labelling. |
| Autoignition:                                       | not determined                                            |
| Vapour pressure:                                    | not applicable                                            |
| Density:                                            | ( 20 °C)<br>not applicable                                |
| Relative density:                                   | ( 20 °C)<br>Study scientifically not justified.           |
| Bulk density:                                       | 300 - 350 kg/m3<br>( 20 °C)                               |
| Vapour density:                                     | The product is a non-volatile solid.                      |
| Partitioning coefficient n-octanol/water (log Pow): | Study does not need to be conducted.                      |
| Self-ignition temperature:                          | not self-igniting                                         |
| Thermal decomposition:                              | not determined                                            |
| Viscosity, dynamic:                                 | Study does not need to be conducted.                      |
| Solubility in water:                                | ( 20 °C)<br>insoluble                                     |
| Solubility (quantitative):                          | insoluble                                                 |
| 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

The product may contain explosive fine dust or such dust may be produced by abrasion during transport or product transfer.

#### Conditions to avoid

#### Incompatible materials

strong oxidizing agents

#### Hazardous decomposition products

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04  
Version: 2.0

Page: 6/9  
(30530797/SDS\_GEN\_US/EN)

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

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.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

May be harmful if swallowed in large quantities. No hazard in normal industrial use. Prolonged or excessive inhalation may cause respiratory tract irritation.

#### Oral

Type of value: LD50

Species: rat

Value: > 2,000 mg/kg

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Inhalation

Type of value: LC50

not determined

#### Dermal

Type of value: LD50

not determined

#### Skin

Species: rabbit

Result: non-irritant

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Eye

Species: rabbit

Result: non-irritant

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Sensitization

Species: guinea pig

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04

Version: 2.0

Page: 7/9

(30530797/SDS\_GEN\_US/EN)

Result: sensitizing

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Aspiration Hazard

not applicable

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: None known

### Genetic toxicity

Assessment of mutagenicity: No data available concerning mutagenic effects.

### Carcinogenicity

Assessment of carcinogenicity: No data available.

### Reproductive toxicity

Assessment of reproduction toxicity: No data available.

### Teratogenicity

Assessment of teratogenicity: No data available.

## Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

---

## 12. Ecological Information

### Toxicity

#### Toxicity to fish

LC50 (96 h) > 10 mg/l, *Oncorhynchus mykiss*

The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Aquatic invertebrates

LC50 (48 h), daphnia

not determined

#### Aquatic plants

EC50 (72 h), algae

not determined

#### Chronic toxicity to fish

No data available.

#### Chronic toxicity to aquatic invertebrates

No data available.

## Microorganisms/Effect on activated sludge

#### Toxicity to microorganisms

bacteria/EC0 (0.5 h): > 100 mg/l

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04

Version: 2.0

Page: 8/9

(30530797/SDS\_GEN\_US/EN)

The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.

### Persistence and degradability

#### Assessment biodegradation and elimination (H2O)

According to OECD criteria the product is not readily biodegradable but inherently biodegradable. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

---

## 13. Disposal considerations

### **Waste disposal of substance:**

Do not discharge into drains/surface waters/groundwater. Dispose of in accordance with national, state and local regulations.

### **Container disposal:**

Dispose of in accordance with national, state and local regulations. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

---

## 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

---

## 15. Regulatory Information

### Federal Regulations

#### **Registration status:**

Chemical TSCA, US released / listed

#### **EPCRA 311/312 (Hazard categories):**

Chronic;

#### **NFPA Hazard codes:**

Health : 1 Fire: 1 Reactivity: 0 Special:

---

## 16. Other Information

SDS Prepared by:

# Safety Data Sheet

## Efka® RM 1900

Revision date : 2015/12/04

Version: 2.0

Page: 9/9

(30530797/SDS\_GEN\_US/EN)

BASF NA Product Regulations

SDS Prepared on: 2015/12/04

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 1900 is a registered trademark of BASF Corporation or BASF SE  
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