

# Safety Data Sheet

## K85EE Omega-3-acid ethyl esters

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Version: 2.0

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(30593627/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

## K85EE Omega-3-acid ethyl esters

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

Recommended use\*: Pharmaceutical agent

\* 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: Preparation based on: Fatty acids, essential, Ethyl esters

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### 2. Hazards Identification

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

#### Classification of the product

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

#### Label elements

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

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### Hazards not otherwise classified

Mop up spills with non-flammable adsorbents (e.g. vermiculite, spill mats). Soiled textiles / cleaning rags / adsorbents and Silica are capable of self ignition and should be wetted with water and must be disposed of in a safe manner. High risk of slipping due to leakage/spillage of product. The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

## 3. Composition / Information on Ingredients

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

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

## 4. First-Aid Measures

### Description of first aid measures

#### General advice:

Remove contaminated clothing.

#### If inhaled:

Keep patient calm, remove to fresh air.

#### If on skin:

Wash thoroughly with soap and water.

#### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

#### If swallowed:

Rinse mouth and then drink 200-300 ml of water.

### Most important symptoms and effects, both acute and delayed

Symptoms: No significant reaction of the human body to the product known.

### Indication of any immediate medical attention and special treatment needed

#### Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:

carbon dioxide, dry powder, water spray, alcohol-resistant foam

Unsuitable extinguishing media for safety reasons:

water jet

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### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

2-propenal, carbon oxides, harmful vapours

The substances/groups of substances mentioned can be released in case of fire. Burning produces harmful and toxic fumes. Evolution of fumes/fog.

### Advice for fire-fighters

Protective equipment for fire-fighting:

Wear a self-contained breathing apparatus.

### Further information:

Cool endangered containers with water-spray. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 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

Wear suitable protective clothing. Information regarding personal protective measures see, section 8.

### Environmental precautions

Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product.

Mop up spills with non-flammable adsorbents (e.g. vermiculite, spill mats). Soiled textiles / cleaning rags / adsorbents and Silica are capable of self ignition and should be wetted with water and must be disposed of in a safe manner. Dispose of absorbed material in accordance with regulations.

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## 7. Handling and Storage

### Precautions for safe handling

No special measures necessary provided product is used correctly. Keep container tightly closed.

Protection against fire and explosion:

Avoid all sources of ignition: heat, sparks, open flame. Take precautionary measures against static discharges. Soiled textiles / cleaning rags / adsorbents and Silica are capable of self ignition and should be wetted with water and must be disposed of in a safe manner.

### Conditions for safe storage, including any incompatibilities

Suitable materials for containers: Carbon steel (Iron), Stove-lacquer RDL 44

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place. Protect from the effects of light. Keep under dry nitrogen.

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## 8. Exposure Controls/Personal Protection

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No occupational exposure limits known.

### **Personal protective equipment**

#### **Respiratory protection:**

Respiratory protection in case of vapour/aerosol release.

#### **Hand protection:**

Wear chemical resistant protective gloves.

#### **Eye protection:**

Safety glasses with side-shields and face shield.

#### **Body protection:**

Body protection must be chosen based on level of activity and exposure.

#### **General safety and hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift. Store work clothing separately.

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## 9. Physical and Chemical Properties

Form:	oily
Odour:	faint odour, fish-like
Odour threshold:	not determined
Colour:	light yellow clear
pH value:	not soluble
Freezing point:	< -20 °C
Boiling point:	> 400 °C ( 1,013 hPa)
Flash point:	> 95 °C
Flammability:	hardly combustible
Lower explosion limit:	For liquids not relevant for classification and labelling.
Upper explosion limit:	For liquids not relevant for classification and labelling.
Autoignition:	260 °C
Vapour pressure:	negligible
Density:	approx. 0.9 g/cm <sup>3</sup> ( 20 °C)
Vapour density:	not determined
Partitioning coefficient n-octanol/water (log Pow):	not applicable for mixtures
Self-ignition temperature:	Risk of self-ignition when a large surface area is produced due to fine dispersion.
Thermal decomposition:	If product is heated above decomposition temperature, toxic vapours will be released.
Viscosity, dynamic:	not determined
Particle size:	The substance / product is marketed or used in a non solid or granular form.
Solubility in water:	not soluble

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Solubility (qualitative): soluble  
solvent(s): organic solvents,  
Evaporation rate: not determined

### 10. Stability and Reactivity

#### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:  
Corrosive effects to metal are not anticipated.

Oxidizing properties:  
Based on its structural properties the product is not classified as oxidizing.

#### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### Possibility of hazardous reactions

When finely distributed, self-ignition is possible.

#### Conditions to avoid

> 150 degrees Celsius  
See MSDS section 7 - Handling and storage.

#### Incompatible materials

strong oxidizing agents

#### Hazardous decomposition products

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

Thermal decomposition:  
If product is heated above decomposition temperature, toxic vapours will be released.

### 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.

*Information on: Fatty acids, essential, Et esters*

*Assessment of acute toxicity: Virtually nontoxic after a single ingestion. The product has not been tested. The statement has been derived from the structure of the product.*

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Oral

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Type of value: ATE  
Value: > 5,000 mg/kg

### Irritation / corrosion

Assessment of irritating effects: Prolonged exposure to the product can result in irritation of the skin and mucous membranes.

*Information on: Fatty acids, essential, Et esters*

*Assessment of irritating effects: Prolonged exposure to the product can result in irritation of the skin and mucous membranes. The product has not been tested. The statement has been derived from the structure of the product.*

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### Sensitization

Assessment of sensitization: Based on available Data, the classification criteria are not met.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: Based on available Data, the classification criteria are not met.

### Genetic toxicity

Assessment of mutagenicity: Based on available Data, the classification criteria are not met.

### Carcinogenicity

Assessment of carcinogenicity: Based on available Data, the classification criteria are not met.

### Reproductive toxicity

Assessment of reproduction toxicity: Based on available Data, the classification criteria are not met.

### Other Information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

## **Symptoms of Exposure**

No significant reaction of the human body to the product known.

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## **12. Ecological Information**

### **Toxicity**

#### Aquatic toxicity

Assessment of aquatic toxicity:

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

#### Aquatic toxicity

*Information on: Fatty acids, essential, Et esters*

*Assessment of aquatic toxicity:*

*There is a high probability that the product is not acutely harmful to aquatic organisms. The inhibition of the degradation activity of activated sludge is not anticipated when introduced to biological treatment plants in appropriate low concentrations.*

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### Toxicity to fish

*Information on: Fatty acids, essential, Et esters*  
*LC50 (96 h) > 100 mg/l, Brachydanio rerio (OECD Guideline 203, static)*  
*The details of the toxic effect relate to the nominal concentration.*  
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### Aquatic invertebrates

*Information on: Fatty acids, essential, Et esters*  
*EC50 (48 h) > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1, static)*  
*The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An eluate has been tested.*  
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### Aquatic plants

*Information on: Fatty acids, essential, Et esters*  
*EC50 (72 h) > 100 mg/l (growth rate), Desmodosmus subspicatus (OECD Guideline 201, static)*  
*The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An eluate has been tested.*  
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## **Persistence and degradability**

### Assessment biodegradation and elimination (H2O)

Biodegradable.

### Assessment biodegradation and elimination (H2O)

*Information on: Fatty acids, essential, Et esters*

*Not readily biodegradable (by OECD criteria). Biodegradable.*  
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## **Bioaccumulative potential**

### Assessment bioaccumulation potential

*Information on: Fatty acids, essential, Et esters*

*Significant accumulation in organisms is not to be expected.*  
*The product has not been tested. The statement has been derived from the properties of the individual components.*  
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## **Mobility in soil**

### Assessment transport between environmental compartments

*Information on: Fatty acids, essential, Et esters*

*The substance will rapidly evaporate into the atmosphere from the water surface.*  
*Adsorption to solid soil phase is expected.*  
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## **Additional information**

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Other ecotoxicological advice:

The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

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### 13. Disposal considerations

**Waste disposal of substance:**

Observe national and local legal requirements.

**Container disposal:**

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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### 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

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### 15. Regulatory Information

**Federal Regulations**

**Registration status:**

Pharma                    TSCA, US    released / exempt

Chemical                TSCA, US    blocked / not listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

**NFPA Hazard codes:**

Health: 1            Fire: 1            Reactivity: 0            Special:

**HMIS III rating**

Health: 1            Flammability: 1            Physical hazard: 0

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### 16. Other Information

**SDS Prepared by:**

BASF NA Product Regulations



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