



# Material Safety Data Sheet

## MF EMULSIFIER

Date: November 2014

### 1. Product and Supplier Description

**Trade Name:** MF Emulsifier

**INCI Name:** Sodium Stearoyl Lactylate

**CAS No:** 25383-99-7 / 18200-72-1

**EC No:** 246-929-7 / 242-090-6

**Supplier:**

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#### 1.1 Relevant identified uses of the substances or mixture and uses advised against

**Identified uses:** Cosmetics, pharmaceuticals, food (E481)

**Not to be used for:** No data.

### 2. Hazards Identification

#### 2.1 Classification of the substance or mixture

The product is not classified according to EU directive 67/548/EEC or 1999/45/EC.

(see section 16 for full text for all R-phrases and hazard statement mentioned in this section)

**Symbol(s):** -

**R-phrases(s):** -

#### 2.2 Label elements

**Contains:**

- H-phrases: -
- P-phrases: -

#### 2.3 Other hazards

None.

### 3. Composition and Ingredient Information

Component	EC No	CAS No	%	Classification 67/548	Classification 127272008	REACH number
Sodium Stearoyl Lactylate	246-929-7 / 242-090-6	25383-99-7 / 18200-72-1	100	-	-	-

See section 16 for full text for all R-phrases and hazard statements mentioned in this section.

#### Additional information

- Produced of fatty acids from rape, and natural lactic acid.

### 4. First Aid Measures

#### 4.1 Description of first aid measures

##### Inhalation:

- Move into fresh air and keep at rest.
- Get medical attention if any discomfort continues.

##### Skin contact:

- Wash skin thoroughly with water for several minutes.
- Get medical attention if irritation persists after washing.

##### Eye contact:

- Immediately flush with plenty of water for up to 15 minutes.
- Remove any contact lenses and open eyelids widely.
- If irritation persists: Seek medical attention and bring along these instructions.

##### Ingestion:

- Drink plenty of water.
- Do not give victim anything to drink if he is unconscious.
- Get medical attention if any discomfort continues.

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

- Inhalation can cause coughing and sneezing.
- Eye contact can cause irritation due to mechanical action and secretion of tears.

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

- No specific first aid measures noted.

### 5. Fire Fighting Measures

#### 5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water fog.

#### 5.2 Special hazards arising from the substance or mixture

- The product is non-combustible.

#### 5.3 Advice for firefighters

- Treat as burning fat.
- Dispose material resulting from fire extinguishing according to local regulation.
- Use air-supplied respirator during fire fighting

## **6. Measures in case of accidental release**

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

- Avoid contact with skin and eyes.
- Avoid inhalation of dust.
- Wear dust mask if necessary.

### **6.2 Environmental precautions**

- Do not discharge into drains, water courses or onto ground.

### **6.3 Methods and material for containment and cleaning up**

- Avoid dust formation.
- Wear necessary protective equipment.
- Remove larger spillages with vacuum cleaner.
- If not possible, collect spill with showel, broom or the like.
- Do not use compressed air for cleaning.
- Remove minor spillages with a towel and wash the soiled area with soap and water.

### **6.4 References to other sections**

**For personal protection:** See section 8.

## **7. Handling and Storage**

### **7.1 Precautions for safe handling**

- Use mechanical ventilation in case of handling which causes formation of dust.
- Observe occupational exposure limits and minimize the risk of dust.
- Provide sufficient means of filtration of exhausted air.
- Keep the working area free of accumulated dust and ignition sources.

### **7.2 Conditions for safe storage, including any incompatibilities**

- Store in tightly closed, original container.
- Keep away from direct sun light and ignition sources.

### **7.3 Specific end use(s)**

- No data.

## **8. Exposure Controls/Personal Protection**

### **8.1 Control parameters**

**Control Limits:**

- DNEL-values: -
- PNEC-values: -

## 8.2 Exposure controls

### Protective equipment

- ◆ **Eye protection:** No special measures required.
- ◆ **Hand protection:** No special measures required.
- ◆ **Respiratory equipment:** No special measures required.
- ◆ **Skin protection:** No special measures required.

**Environmental exposure controls:** All machinery used handling the product in powder form (packing unit, blenders, dryers) have to be provided with sufficient exhaust ventilation and air filter systems to avoid contamination of working area and environment.

## 9. Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Powder.

**Colour:** White.

**Odour:** Odourless.

**Melting point:** approx. 50°C

**Auto ignition:** >200°C

### 9.2 Other information

- No data.

## 10. Stability and Reactivity

### 10.1 Reactivity

- No specific reactivity hazards associated with this product.

### 10.2 Chemical stability

- No particular stability concerns.

### 10.3 Possibility of hazardous reactions

- None known.

### 10.4 Conditions to avoid

- Avoid direct sunlight.

### 10.5 Incompatible materials

- None known.

### 10.6 Hazardous decomposition

- None known.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

**Acute toxicity – oral:** Non known.

**Acute toxicity – dermal:** Non known.

**Acute toxicity – inhalation:** Non known.

**Skin contact:** May cause irritation due to mechanical action on sensitive skin.

**Eye contact:** May cause irritation due to mechanical action.

**Ingestion:** No negative effects. Acceptable daily intake (ADI): 0-20 mg/kg body weight.

## 12. Ecological Information

- No available information, but the product is believed not to be toxic to the environment with respect to mobility, persistency, and degradability, bioaccumulative potential, aquatic toxicity and other data relating to ecotoxicity.

### 12.1 Toxicity

### 12.2 Persistence and degradability

- The product is expected to be biodegradable.

### 12.3 Bioaccumulative potential

### 12.4 Mobility in soil

### 12.5 Result of PBT- and vPvB-assessment

### 12.6 Other adverse effects

## 13. Disposal Considerations

### 13.1 Waste treatment methods

- Dispose of waste and residues in accordance with local authority requirements.

## 14. Transport Information

- The product is not covered by international regulation on the transport of dangerous goods.

### ADR/RID

#### 14.1 UN-number:

14.2 UN proper shipping name: -

14.3 Transport hazard class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

### ADN

14.1 UN-number: -

14.2 UN proper shipping name: -

14.3 Transport hazard class(es): -

14.4 Packing group: -

14.5 Environmental hazards: -

### IMDG

14.1 UN-number: -

14.2 UN proper shipping name: -

14.3 Transport hazard class(es): -

14.4 Packing group: -

**14.5 Environmental hazards: -**  
**IMDG Code segregation group: -**

**ICAO/IATA**

**14.1 UN-number:**

**14.2 UN proper shipping name: -**

**14.3 Transport hazard class(es): -**

**14.4 Packing group: -**

**14.6 Special precautions for user**

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code**

## **15. Regulatory Information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.2 Chemical safety assessment**

- Not required as non-hazardous material.

## **16. Other Information**

**Changes compared to latest issue:**

- R-phrases in full
- H-phrases in full

The information contained herein is accurate to the best of our knowledge from a variety of sources. No liability can be accepted arising out of the use, application or processing of this product. It is the users' responsibility to determine the safe conditions for use of this product.