

## SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II - Germany

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### LOXIOL® 2307

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SDS No. : 1103202

#### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

**Product name** : LOXIOL® 2307  
**General chemical characteristics** : Mixture of fatty acid complex esters  
**Usage** : Plastic additive  
**Company Name** : Emery Oleochemicals GmbH  
Paul-Thomas-Straße 56  
D-40599 Duesseldorf  
Phone: +49 (211) 5611-2000  
**E-mail address** : sdb-oc@emeryoleo.com  
**Emergency phone:** : +49 (4744) 9009354

#### 2. HAZARDS IDENTIFICATION

##### Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

**Ingredients of unknown toxicity** : 0 percent of the product consists of ingredient(s) of unknown acute toxicity  
**Ingredients of unknown ecotoxicity** : 0 percent of the product consists of ingredient(s) of unknown hazards to the aquatic environment  
**Hazard pictograms** :  
**Signal word** : No signal word.  
**Hazard statements** : This product is not classified according to EU legislation.  
**Precautionary statements** :  
**special hazard** : Fine dust clouds may form explosive mixtures with air.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**General chemical characteristics** : Mixture of fatty acid complex esters

#### 4. FIRST AID MEASURES

**General recommendation** : If you feel unwell, seek medical attention and show the label when possible.  
**Inhalation** : Avoid breathing dust.  
**Ingestion** : Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Get medical attention if symptoms occur.  
**Skin contact** : Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.  
**Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs.

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## 5. FIRE-FIGHTING MEASURES

### Extinguishing media

- Suitable** : Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.
- Not suitable** : Do not use water jet.
- special hazard** : None known.
- Hazardous thermal decomposition products** : No specific data.

## 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Shut off all ignition sources. No flares, smoking or flames in hazard area. Put on appropriate personal protective equipment (see Section 8).
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Spill** : Vacuum or sweep up material and place in a designated, labeled waste container. Use spark-proof tools and explosion-proof equipment.

## 7. HANDLING AND STORAGE

- Handling** : Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame).
- Storage** : Keep container tightly closed.  
Do not store above the following temperature: 35°C (95°F)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure controls

- Respiratory protection** : Work in well-ventilated zones or use proper respiratory protection.
- Hand protection** : Wear suitable gloves tested to EN374. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection** : Wear safety glasses with side protection in accordance with EN 166.
- Skin protection** : Wear suitable protective clothing.
- Advice on general occupational hygiene** : Do not eat, drink or smoke when using this product.

### Exposure limit values

<u>Ingredient name</u>	<u>Occupational exposure limits</u>
No exposure limit value known.	

### DNELs/DMELs

No DNELs/DMELs available.

### PNECs

No PNECs available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state** : Solid. [Powder.]
- Bulk density** : 0.5 g/l
- Color** : White to yellowish.
- Odor** : Ester-like
- Boiling point** : >280°C (>536°F)
- Flash point** : Open cup: >200°C (>392°F)

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	: No specific test data related to reactivity available for this product or its ingredients.
<b>Chemical stability</b>	: The product is stable.
<b>Possibility of hazardous reactions</b>	: Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid</b>	: Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
<b>Incompatible materials</b>	: Reactive or incompatible with the following materials: oxidizing materials
<b>Hazardous decomposition products</b>	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	: Avoid breathing dust.
<b>Eye contact</b>	: Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.
<b><u>Irritation/Corrosion</u></b>	
<b>Skin</b>	: Non irritating to the skin. Analogy
<b>Eyes</b>	: Non-irritating to the eyes.
<b><u>Sensitizer</u></b>	
Not available.	
<b>Skin</b>	: Non-sensitizer to skin. Analogy
<b><u>Carcinogenicity</u></b>	
Not available.	
<b><u>Mutagenicity</u></b>	
Not available.	
<b>Conclusion/Summary</b>	: No mutagenic effect. Analogy
<b><u>Teratogenicity</u></b>	
Not available.	
<b><u>Reproductive toxicity</u></b>	
Not available.	
<b><u>STOT - Specific target organ toxicity (single exposure)</u></b>	
Not available.	
<b><u>STOT - Specific target organ toxicity (repeated exposure)</u></b>	
Not available.	
<b><u>Aspiration hazard</u></b>	
Not available.	

## 12. ECOLOGICAL INFORMATION

<b><u>Aquatic ecotoxicity</u></b>	
Not available.	
<b>Conclusion/Summary</b>	: No known significant effects or critical hazards. Analogy
<b><u>Persistence and degradability</u></b>	
Not available.	
<b>Conclusion/Summary</b>	: Partially biodegradable. Analogy
<b><u>Bioaccumulative potential</u></b>	

**12. ECOLOGICAL INFORMATION**

**Product/ingredient name** **LogP<sub>ow</sub>** **BCF** **Potential**

Not available.

**Results of PBT and vPvB assessment**

**PBT** : Not applicable.

**vPvB** : Not applicable.

This product is not classified as dangerous. Thus, no further toxicological data/ecotoxicological data are reported.

**13. DISPOSAL CONSIDERATIONS**

**Methods of disposal** : Contact your local Environmental Agency Office if in doubt. Incinerate waste materials.

**14. TRANSPORT INFORMATION**

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

International transport regulations

Regulatory information	UN number	Proper shipping name	Classes	PG*	Label	Additional information
<b>ADR/RID Class</b>	Not regulated.	-	-	-		- <b>ADR Tunnel Code:</b> (-)
<b>ADN Class</b>	Not regulated.	-	-	-		-
<b>IMDG Class</b>	Not regulated.	-	-	-		-
<b>IATA Class</b>	Not regulated.	-	-	-		-

PG\* : Packing group

**15. REGULATORY INFORMATION**

For the classification and labelling of the product see section 2.

National regulations

**Hazard class for water** : 1 Appendix No. 4

**Germany - Storage code** : 11

**Technical instruction on air quality control** : TA-Luft Number 5.2.1: 50%  
TA-Luft Number 5.2.5: 50%

**15.2 Chemical Safety Assessment** : This product contains substances for which Chemical Safety Assessments are still required.

**16. OTHER INFORMATION**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

**Hazard statements** : This product is not classified according to EU legislation.

**Precautionary statements** :

History

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**Version** : 1.01

Indicates information that has changed from previously issued version.

Notice to reader

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## 16. OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.