

SAFETY DATA SHEET

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

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EMERSOL 7036 NF

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SDS No. : 3130826

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

Product name : EMERSOL 7036 NF
General chemical characteristics : palmitic-stearic acid
Company Name : Emery Oleochemicals (M) Sdn Bhd
Lot 4, Jalan Perak, Kawasan Perusahaan,
42500 Telok Panglima Garang,
Selangor, Malaysia
Phone: ++6(03)-33268686
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REACH Registration number

Registration number	Legal entity
01-2119543709-29	Emery Oleochemicals GmbH

2. HAZARDS IDENTIFICATION

[Classification according to Directive 67/548/EEC \[DSD\] / Classification according to Directive 1999/45/EC \[DPD\]](#)

Classification : Not classified.

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

Signal word : No signal word.

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

General chemical characteristics : palmitic-stearic acid

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

General recommendation : If you feel unwell, seek medical attention and show the label when possible.

Inhalation : Not applicable.

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.

5. FIRE-FIGHTING MEASURES

Extinguishing media

- Suitable** : In case of fire, use water spray (fog), foam, dry chemical or CO₂.
- Not suitable** : None known.
- special hazard** : None known.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
metal oxide/oxides

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : 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.

7. HANDLING AND STORAGE

- Handling** : No special measures required.
- Storage** : Keep container tightly closed.
Do not store above the following temperature: 50°C (122°F)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls

- Respiratory protection** : Not necessary
- Hand protection** : 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** : Protective goggles
- 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.
- Density** : 0.88 g/cm³ [40°C (104°F)]
- Color** : White.
- Odor** : Fatty
- Flash point** : Open cup: >180°C (>356°F) [Pensky-Martens.]

10. STABILITY AND REACTIVITY

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: No specific data.
Incompatible materials	: No specific data.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product/ingredient name	Method Detail	Result	Species	Dose	Exposure
	OECD 401 Acute Oral Toxicity Analogy	LD50 Oral	Rat - Male, Female	>5000 mg/kg	-

Irritation/Corrosion

Product/ingredient name	Method Detail	Result	Species	Score	Exposure	Observation
	OECD 404 Acute Dermal Irritation/Corrosion Analogy	Skin - Edema	Rabbit	0	-	-
	OECD 405 Acute Eye Irritation/Corrosion Analogy	Eyes - Cornea opacity	Rabbit	0	-	-

Skin : Non-irritating to the skin. Analogy

Eyes : Non-irritating to the eyes. Analogy

Sensitizer

Not available.

Carcinogenicity

Not available.

Mutagenicity

Product/ingredient name	Method Detail	Experiment	Result
	OECD 471 Bacterial Reverse Mutation Test Analogy	Experiment: In vitro Subject: Bacteria	Negative

Conclusion/Summary : No mutagenic effect. Analogy

Teratogenicity

Not available.

Reproductive toxicity

Not available.

STOT - Specific target organ toxicity (single exposure)

Not available.

STOT - Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

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

12. ECOLOGICAL INFORMATIONAquatic ecotoxicity

Product/ingredient name	Test	Result	Species	Exposure
	OECD 203 Fish, Acute Toxicity Test Analogy	Acute LC50 >1000 mg/l Fresh water	Fish - Brachydanio rerio	48 hours

Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
	OECD 301B Ready Biodegradability - CO ₂ Evolution Test Analogy	93 % - Readily - 28 days	-	-

Conclusion/Summary : This product is readily biodegradable.

Bioaccumulative potential

Not available.

Results of PBT and vPvB assessment

PBT : Not available.
P: Not available. B: Not available. T: Not available.

vPvB : Not available.
vP: Not available. vB: Not available.

13. DISPOSAL CONSIDERATIONS

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

Norway - Hazardous waste : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

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

International transport regulations

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

PG* : Packing group

15. REGULATORY INFORMATION

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

Technical instruction on air quality control : TA-Luft Number 5.2.1: 100%

16. OTHER INFORMATION

[Classification according to Directive 67/548/EEC \[DSD\] / Classification according to Directive 1999/45/EC \[DPD\]](#)

Risk phrases : This product is not classified according to EU legislation.

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

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

History

Date of printing : 01.11.2013

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Date of previous issue : 16.07.2013

Version : 3.03

Indicates information that has changed from previously issued version.

Notice to reader

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.