

Material Safety Data Sheet
According to
EU regulation 2015/830

LeciFis SUN HP IPM

1. Product and Company Identification

1.1 Product name: LeciFis SUN HP IPM

1.2 Application: Additive E 322 for Food,

1.3 Supplier:

Fismer Lecithin GmbH

Veritaskai 2

21079 Hamburg

Germany

1.4 Emergency Contact: Peter Fismer

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2. Hazard Identification

2.1 Hazard designation: No specific risk, Reach status: excluded acc. to annex IV, acc. to Dir 84/2008/EC and Reg 1129/2011/EC use is not limited (quantum satis principle)

2.2 Information pertaining to particular dangers for human and environment:

See points 9 – 12,

2.3 Dangerous components: not applicable

3. Composition

3.1 Characterization: sunflower lecithin, powder

EC: E 322

EINECS: 232-307-2

CAS: 8002-43-5

TSCA: yes

Customs Tariff-Code: 29232000

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4. First Aid Measures

- 4.1 After inhalation: Fresh air supply. In case of health problems contact a doctor.
After skin contact: wash off with soap and plenty of water.
After eye contact: rinse with plenty of water
After swallowing: harmless
- 4.2 Important severe and delayed symptoms and effects: not present
- 4.3 Instructions on Emergency aid or special treatment: not present

5. Fire Hazards

- 5.1 Avoid dust formation: fines of dust in the air in specific concentration and occurrence of a fire source may lead to explosion
suitable extinguishing media: CO₂, foam, fire-fighting powder
for safety reasons: firefighting water must be controlled
- 5.2 Hazardous decomposition products: product can form with air explosive mixtures, dust explosion class St-1 (German law)
- 5.3 Special equipment for firefighting: not relevant

5. Measures Accidental Spillage/Leakage

- 6.1 Personal protective measures: slip hazard through leakage of product
- 6.2 Environment protecting measures: do not let product enter drains.
- 6.3 Clean up procedures: Avoid extension e.g. through embankment or oil barrier.
Dispose mechanically with binding materials like Kieselgur and decontaminate the taken product by approved waste management.
- 6.4 Technical protective measures: not relevant

6. Handling and Storage

- 7.1 Personal measures: no smoking, avoid all handling that result in dust formation.
- 7.2 Storage conditions: recommended cool and dry by a relatively humidity of max. 70 %. Storage temperature: max 60°C
- 7.3 Specific End Applications: Store in original containers and do not return residual material to containers as contamination may reduce the shelf life of the product.

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7. Limits and Control of Exposition and Personal Safety Equipment

8.1 Monitored Parameter:

Respiratory protection: not necessary

Hand protection: not necessary

Eye protection: not necessary

Body protection: not necessary

8.2 Limits and Control of Exposition: take care on sufficient ventilation, protective gloves and glass

8. Physical and Chemical Data

9.1 Physical and Chemical Data:

Appearance: powder

Colour: amber to brown

Odour: typical sunflower

Water solubility: dispersible

Fat solubility (solvent vegetable oil): unlimited

Boiling point: not existing

Melting point: not existing

Ignition temperature: min 340°C

Explosion limit: 30 g dust / m³

9.2 Other Physical and Chemical Data: no other safety relevant properties

9. Stability and Reactivity

10.1 Reactivity: not defined

10.2 Chemical Stability: Stable at normal conditions

10.3 Possible Hazardous Reactions: not defined

10.4 To be prevented conditions: not defined

10.5 Incompatible Materials: not applicable

10.6 Hazardous decomposition products: not applicable

10. Information on Toxicity

11.1 Toxicological data or effect after ingestion, inhalation, eye-contact and skin-contact:

Oral ingestion: no effects reported

.....Inhalation: no effects reported

Skin contact: minimal irritation possible

Eye contact: may cause minimal irritation

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11. Information on Ecological Effects

- 12.1 Toxicity: not reported for environment
- 12.2 Influence on biological waste water treatment: not determined
- 12.3 Bioaccumulation Potential: No dangerous elements contained
- 12.4 Mobility in the ground: not applicable
- 12.5 Results of PBT- and vPvB- assessment: not applicable
- 12.6 Other harmful effects: not applicable.

12. Recommended Disposal Procedure

- 13.1 Handling of Waste: As per local, federal and state regulations

13. Transport Regulations

- 14.1 UN- Number: not applicable
- 14.2 UN-Description: not applicable
- 14.3 Hazard Classes of Transport: not applicable
- 14.4 Packaging classification: not applicable
- 14.5 Environmental Hazards: not reported
- 14.6 Precautions for Users: not applicable
- 14.7 MARPOL-Agreement and IBC-Code: not applicable

14. Regulations

- 15.1 Regulations Safety, Health, Environment: WGK 1 (German Law)
- 15.2 Product Safety Assessment: Reach status – excluded acc. to annex IV

15. Further Information

The information is based on our present knowledge and is supplied for proper and safe handling of our products. The above mentioned data cannot be considered as product specification.

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