

Safety Data Sheet

According to Regulation (EC) No 1272/2008.
This sheet was create on a voluntary basis.



1. Identification of the product and company

- 1.1. Product
- 1.2. Commercial name: **Lactonat EN**
 - Number of article: 2200
 - Product form: Powder
 - Grade: Food
 - Description: Sodium caseinate
 - Use of product: Raw material for production of food
- 1.3. Producer
 - Address: Lactoprot Deutschland GmbH
Feldstrasse 5
D-24568 Kaltenkirchen
 - Phone: +49 4191 9990 0
 - Telefax: +49 4191 88051
 - Email: info@lactoprot.de
- 1.4. Emergency telephone number: +49 4191 9990 66

2. Hazard identification:

- 2.1. Hazard identification according to Regulation (EC) No 1272/2008:
Not a hazardous substance or mixture
- 2.2. Label elements according to Regulation (EC) No 1272/2008:
Labelling not necessary
- 2.3. Other hazards:
None

3. Composition/information on ingredients

- 3.1. Hazard components:
None

4. First-aid-steps

- 4.1. General advices:
No particular steps necessary
- 4.2. After inhalation:
Provide fresh air
- 4.3. After contact with skin:
Wash down with water and soap
- 4.4. After contact with eyes:
Rinse cautiously with water for several minutes
- 4.5. After ingestion:
Rinse mouth with water

5. Fire-fighting steps

- 5.1. Appropriate extinguishing:
Water, quicklime, foam
- 5.2. Unsuitable extinguishing:
Not known

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5.3. Particular risks by burning:

Not known

5.4. Advise for firefighters:

Firefighters should wear proper protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode.

Water contaminated during the fire fighting must be disposed in accordance with local prescriptions.

6. Accidental release measures

6.1. Precaution concerning man:

No particular steps necessary

6.2. Precaution concerning the environment:

Pay attention to local prescriptions

6.3. Procedure for cleaning:

Mechanical absorption and orderly disposal. Do not empty into drains.

7. Transportation, handling and storage

7.1. Transportation:

Cool and dry in clean environment free from off-odours.

7.2. Handling:

Provide adequate ventilation when formation of dust is possible.

Keep away from source of ignition/explosion of dust (no smoking).

Take precautions against static discharges.

7.3. Storage:

Store cool, dry and clean environment in originally sealed packaging or tightly closed container. The storage area has to be free from off-odours and other contaminants.

7.4. Incompatibility:

Incompatible products: Not determined

Incompatible materials: Not determined

Special rules on packaging: Not determined

8. Exposure controls and personal protection

8.1. Additional advices for the development of technical constructions:

Pay attention to the formation of dust

8.2. Personal protection equipment:

Breath protection: In case of dust formation wear particle mask

Hand protection: Not necessary

Eye protection: Not necessary

Body protection: Not necessary

9. Physical and chemical property

9.1. Phenotype:

Appearance: Solid: Powder

Odour: Neutral, typical

pH: Around 7

9.2. Security data:

Flash point: No data available

Inflammability: No data available

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LACTOPROT

Danger of explosion:	In air/dust-mixtures class of risk ST 1
Spontaneous ignition:	No data available
Ignition temperature:	No data available
Fire stimulating property:	None
Solubility in water:	99 %

10. Stability and reactivity

- 10.1. Reactivity:
Not determined
- 10.2. Chemical stability:
Stable under storage conditions
- 10.3. Possibility of hazardous reactions:
Not determined
- 10.4. Avoiding conditions:
Avoid formation of dust
- 10.5. Avoiding substances:
Do not store beside strong smelling substances
- 10.6. Dangerous decomposition products:
None at application as directed

11. Toxicological information

- 11.1. Acute toxicity:
Not determined
- 11.2. Skin corrosion/irritation:
Not determined
- 11.3. Serious eye damage/eye irritation:
Not determined
- 11.4. Respiratory or skin sensitisation:
Not determined
- 11.5. Germ cell mutagenicity:
Not determined
- 11.6. Carcinogenicity:
Not determined
- 11.7. Reproductive toxicity:
Not determined
- 11.8. Specific target organ toxicity (single exposure):
Not determined
- 11.9. Specific target organ toxicity (repeated exposure):
Not determined
- 11.10. Aspiration hazard:
Not determined

12. Ecological information

- 12.1. Elimination (persistenz and decomposition):
Easily decomposable (food)
- 12.2. Behaviour in environmental systems (if appropriate):
In low concentration in sewage no impairment should be expected, in general not endangering for water

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- 12.3. Ecological toxicity:
No toxical effect known
- 12.4. Additionally ecological advices:
None

13. Disposal considerations

- 13.1. Product:
Pay attention to local prescriptions
- 13.2. Packaging:
Do not re-use empty containers. Recycling of the empty packing is possible.
- 13.3. Polluted packing material:
Dipose uncleaned packaging in the same way as product waste.

14. Transport Information

- 14.1. Land transport:
Not subject to GGVSEB, ADR, and RID
- 14.2. Sea transport:
Not subject to GGVSEB, GGVSee, IMDG, and AND
- 14.3. Air transport:
Not subject to IATA-DGR, and ICAO-T.I.

15. Regulatory information

- 15.1. European Regulations:
Candidate list of substances of very high concern (SVHC):
Not listed
Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals:
Not listed
Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants:
Not listed
Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer:
Not listed
Regulation (EU) No 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors:
Not listed
Regulation (EC) No 273/2004 of the European Parliament and of the Council of 11 February 2004 on drug precursors:
Not listed
- 15.2. Confirmation with regulations:
This product is compliance with German law, European Regulations, and Codex Alimentarius.
- 15.3. Chemical Safety Assessment:
A Chemical Safety Assessment is not required.

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16. Other informations

16.1. Abbreviations and acronyms

Abbreviations	Descriptions of used abbreviations
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
GGVSEB	Gefahrgutverordnung Straße, Eisenbahn und Binnenschifffahrt (Regulations for the Conveyance of Hazardous Goods by Road, Rail and Inland Navigation)
GGVSee	Gefahrgutverordnung See - Verordnung über die Beförderung gefährlicher Güter mit Seeschiffen (Transport of Dangerous Goods by Sea Ordinance)
IATA-DGR	International Air Transport Association - Dangerous Goods Regulations
ICAO-T.I.	International Civil Aviation Organization - Technical Instructions For The Safe Transport of Dangerous Goods by Air
IMDG	International Maritime Dangerous Goods Code
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail (in Convention concerning International Carriage by Rail (COTIF) Appendix C)

16.2. Key literature references and and source of data

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. Amended by Commision Regulation (EU) 2015/1221 of 24 July 2015.

16.3. Disclaimer

The information in this Safety Data Sheet is a safety guidance of the above mentioned product only and is provided upon the actual date of our knowledge. This sheet can not be considered as a warranty or quality specification.