

Trade name: Lactosum monohydr

Substance number: 064992

Version: 3 / CH

Date revised: 17.12.2018

Replaces Version: 2 / CH

Print date: 01.10.19

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Lactosum monohydr

Item No. 06499200

Substance / product identification

CAS-No. 64044-51-5

EINECS-No. 200-559-2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

pharmacy, Food

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

SECTION 3: Composition/information on ingredients

Molecular weight

Value 360.32 g/mol

Other information

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Remove the casualty into fresh air and keep him calm. Remove affected person from danger area. Take medical treatment. When spray fog inhaled, seek medical aid immediately and show the physician the packing or the packing label.

After skin contact

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After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. By continuous complaints consult a physician.

After ingestion

Rinse mouth thoroughly with water. Drink water in small gulps. By continuous complaints consult a physician.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Water spray jet, Foam, Dry powder, Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Keep away from sources of ignition - No smoking. Ensure adequate ventilation. Avoid contact with eyes and skin. Avoid dust formation.

6.2. Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3. Methods and material for containment and cleaning up

Pick up mechanically. When picked up, treat material as prescribed under Section 13 "Disposal". Avoid raising dust.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary). Danger of dust explosion

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Take action to prevent static discharges. The product is capable of dust explosions.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep in original packaging, tightly closed.

Further information on storage conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Provide adequate ventilation.

Respiratory protection

Dust mask; Self-contained breathing apparatus.

Hand protection

Rubber gloves

Eye protection

Tightly fitting safety glasses; Safety glasses with side protection shield

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	solid		
Form	Powder		
Colour	white		
Odour	odourless		
pH value			
Value	4.0	to	6.5
Concentration/H ₂ O	100	g/l	
Temperature	20	°C	

Melting point

Value 202 °C

Initial boiling point and boiling range

Remarks not determined

Flash point

Value °C
Remarks Not applicable

Solubility in water

Value appr. 16.1 g/l
Temperature 20 °C
Temperature 50 °C
Remarks easily soluble

Ignition temperature

Value 360 to 390 °C

9.2. Other information

Other information

The product is capable of dust explosions.

SECTION 10: Stability and reactivity

10.1. Reactivity

No decomposition if stored and applied as directed.

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10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.4. Conditions to avoid

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

No data available.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Species	rat		
LD50	>	10	g/kg

Acute dermal toxicity

Remarks No data available.

Acute inhalational toxicity

Remarks No data available.

Skin corrosion/irritation

Remarks No data available.

Serious eye damage/irritation

Remarks No data available.

Sensitization

Remarks May cause allergic reactions of respiratory system.

Mutagenicity

Remarks No data available.

Reproductive toxicity

Remarks No data available.

Carcinogenicity

Remarks No data available.

SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity**

Remarks No data available.

12.2. Persistence and degradability**Biodegradability**

Remarks No data available.

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential**

The product contains no PBT or vPvB substances.

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12.6. Other adverse effects**General information / ecology**

In general not water hazardous.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code 02 Wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing, food preparation and processing

EWC waste code 02 05 99 wastes not otherwise specified

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class WGK 3
(Germany)

Remarks Classification according to Annex 4 VwVwS

SECTION 16: Other information**Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.