

Trade name: Xanthan FN

Substance number: 068470

Version: 4 / CH

Date revised: 12.01.2026

Replaces Version: 3 / CH

Print date: 12.01.26

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

1.1. Product identifier

Xanthan FN

Item No. 06847000

Substance / product identification

CAS-No. 11138-66-2

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

Use of the substance/preparation

food additive, Cosmetics, Pharmaceutical excipient, industry

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.

2.3. Other hazards

No special hazards have to be mentioned.

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Further ingredients

Xanthan gum

CAS No. 11138-66-2

EINECS no. 234-394-2

Registration no. EXCEMPT

Concentration >= 95 %

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Advice: [4]

Note

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice (show the label where possible).

After inhalation

Remove the casualty into fresh air and keep him calm.

After skin contact

After contact with skin, wash immediately with plenty of water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion

Drink water in small gulps. Do not induce vomiting.

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

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

5.2. Special hazards arising from the substance or mixture

At heat danger of dissolution.

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

Use self-contained breathing apparatus. Wear protective clothing. Do not inhale explosion and/or combustion gases.

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

Avoid dust formation. Do not inhale dust. Ensure adequate ventilation.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Take up mechanically and collect in suitable container for disposal. Clean contaminated surfaces thoroughly with water.

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

Avoid dust formation. Do not inhale dust. Avoid contact with skin and eyes.

Classification of fires / temperature class / Ignition group / Dust explosion class

Dust explosion class

Capable of dust explosion

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7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a well-ventilated place. Keep in a dry place.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	NG	Other solid hazardous substances without classification/labelling hazardous

Further information on storage conditions

Protect from atmospheric moisture and water. Keep at temperature not exceeding 30 °C.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Provide adequate ventilation. Observe the usual precautions for handling chemicals. Do not breathe dust. Avoid contact with skin and eyes.

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. Breathing apparatus in the event of aerosol. Particle filter half mask, filter P2

Hand protection

Gloves	
Appropriate Material	The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Eye protection

Safety glasses with side protection shield; DIN EN ISO 16321-1:2022

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	solid		
Colour	white to beige		
Odour	characteristic		
Physical state	Crystalline powder		
Physical state	Granules		
Flash point			
Value	°C		
Remarks	Not applicable		
Decomposition temperature			
Value	>	120	°C
pH value			
Value	5	to	10
Temperature	25	°C	
Solubility(ies)			
Ethanol			
Remarks	insoluble		

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Particle characteristics

Type	Max. particle size			
Particle size	0.2	to	1.2	mm

9.2. Other information**Solubility in water**

Remarks	completely soluble
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Auto-ignition temperature

Value	> 200	°C
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Explosive properties

evaluation	The product is capable of dust explosions.
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Oxidising properties

evaluation	Not oxidising
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Bulk density

Value	600	to	850	kg/m ³
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SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

Avoid dust formation. If product is heated above decomposition temperature toxic vapours may be released.

10.5. Incompatible materials

Danger of dust explosion

10.6. Hazardous decomposition products

No hazardous decomposition products known when handled according to prescribed instructions.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks	Based on available data, the classification criteria are not met.
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Acute oral toxicity (Components)**Xanthan gum**

Species	rat		
LD50	>	5000	mg/kg

Xanthan gum

Species	rat		
LD50		45000	mg/kg

Acute dermal toxicity

Remarks	Based on available data, the classification criteria are not met.
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Acute inhalational toxicity

Remarks	Based on available data, the classification criteria are not met.
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Acute inhalative toxicity (Components)**Xanthan gum**

Species	rabbit		
LC50	>	21	mg/l

Skin corrosion/irritation

Remarks	Based on available data, the classification criteria are not met.
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Skin corrosion/irritation (Components)**Xanthan gum**

Species	rat		
Duration of exposure	360	h	
evaluation	non-irritant		

Xanthan gum

Species	rabbit		
Duration of exposure	120	h	
evaluation	non-irritant		

Serious eye damage/irritation

Remarks	Based on available data, the classification criteria are not met.
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Serious eye damage/irritation (Components)**Xanthan gum**

Species	rat		
Duration of exposure	120	h	
evaluation	non-irritant		

Sensitization

Remarks	Based on available data, the classification criteria are not met.
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Mutagenicity

Remarks	Based on available data, the classification criteria are not met.
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Reproductive toxicity

Remarks	Based on available data, the classification criteria are not met.
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Carcinogenicity

Remarks	Based on available data, the classification criteria are not met.
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Specific Target Organ Toxicity (STOT)**Single exposure**

Remarks	Based on available data, the classification criteria are not met.
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Repeated exposure

Remarks	Based on available data, the classification criteria are not met.
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Aspiration hazard

Remarks	Based on available data, the classification criteria are not met.
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11.2. Information on other hazards**Endocrine disrupting properties with respect to humans**

Remarks	This substance does not have endocrine disrupting properties with respect to humans.
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SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity (Components)****Xanthan gum**

Species	rainbow trout (Oncorhynchus mykiss)		
LC50	490		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)**Xanthan gum**

Species	Daphnia magna		
EC50	980		mg/l

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Duration of exposure 48 h

12.2. Persistence and degradability**Biodegradability (Components)****Xanthan gum**

Value	78	%
evaluation	Readily biodegradable	
Method	OECD 301F	

Chemical oxygen demand (COD) (Components)**Xanthan gum**

Value	appr. 1600	mg/g
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Biochemical oxygen demand (BOD5) (Components)**Xanthan gum**

Value	appr. 200	mg/g
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12.3. Bioaccumulative potential**General information**

Not applicable

12.5. Results of PBT and vPvB assessment**Results of PBT and vPvB assessment**

The Substance does not meet PBT-criteria.
This substance does not meet the vPvB-criteria.

12.6 Endocrine disrupting properties**Endocrine disrupting properties with respect to the environment**

This substance does not have endocrine disrupting properties with respect to non-target organisms.

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

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.
Uncontaminated packaging may be reused.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number or ID number	The product does not constitute a hazardous substance in land transport.	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 1
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(Germany)

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

Other information ***

The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of $\geq 0.1\%$ w/w.

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.