

Trade name: Xanthan FN

Substance number: 068470

Version: 3 / CH

Date revised: 09.10.2024

Replaces Version: 2 / CH

Print date: 09.10.24

**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 &gt;= 95 %

Advice: [4]

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**Note**

[4] Voluntary information

**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****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**

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Dust explosion class

Capable of dust explosion

**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

**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**

Powder

**Colour**

white to beige

**Odour**

characteristic

**Flash point**

Value

°C

Remarks

Not applicable

**Decomposition temperature**

Value

&gt; 120

°C

**pH value**

Value

5

to

10

Temperature

25

°C

**Solubility(ies) \*\*\***

Ethanol

Remarks

insoluble

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**9.2. Other information****Solubility in water**

Remarks completely soluble

**Auto-ignition temperature**

Value &gt; 200 °C

**Bulk density**Value 600 to 850 kg/m<sup>3</sup>**SECTION 10: Stability and reactivity****10.1. Reactivity**

No decomposition if stored and applied as directed.

**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**

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 (Components)****Xanthan gum**

Species	rat		
LD50	>	5000	mg/kg

**Acute inhalative toxicity (Components)****Xanthan gum**

Species	rabbit		
LC50	>	21	mg/l

**Skin corrosion/irritation**

Species	rat		
Duration of exposure	360	h	
evaluation	non-irritant		
Species	rabbit		
Duration of exposure	120	h	
evaluation	non-irritant		

**Serious eye damage/irritation**

Species	rat		
Duration of exposure	120	h	
evaluation	non-irritant		

**Sensitization**

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Species guinea pig  
Remarks No sensitisation effect known.

**Mutagenicity**

Remarks None

**Reproductive toxicity**

Route of exposure oral  
Species rat  
Dose 0.5 g/kg  
Duration of exposure 24 h  
evaluation No negative effects

**Carcinogenicity**

Remarks No evidence available on carcinogenicity.

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

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

Species rainbow trout (*Oncorhynchus mykiss*)  
420 mg/l  
Duration of exposure 96 h  
Remarks After neutralization no appreciable reduction in harmful effect can be observed.

**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  
Duration of exposure 48 h

**12.2. Persistence and degradability****Biodegradability**

Value 93 %  
Duration of test 14 d  
evaluation Readily biodegradable  
Method OECD 302B

**Biodegradability (Components)****Xanthan gum**

evaluation Readily biodegradable

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

Value appr. 1600 mg/g

**Biochemical oxygen demand (BOD5) (Components)**

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**Xanthan gum**

Value appr. 200 mg/g

**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	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

(Germany)

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

**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.