



Trade name: Xanthan FN

Substance number: 068470

Version: 1 / CH

Date revised: 20.02.12

Replaces Version: - / CH

Date of printing: 25.09.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Xanthan FN

Item-No.

06847000

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

Hänseler AG

Industriestrasse 35

9101 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

2. Hazards identification

2.2. Label elements

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product does not require a hazard warning label in accordance with EC Directives.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr.

11138-66-2

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

In case of contact with skin wash off immediately with plenty of water.

After eye contact

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

After ingestion



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Drink water in small gulps. Do not induce vomiting.

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.

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.

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

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.

VCI storage category

VCI storage category 11 Combustible solids

Further information on storage conditions

Protect from atmospheric moisture and water. Do not keep at temperatures above 30 °C.

8. Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

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

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. Breathing apparatus in the event of



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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.

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	Powder
Colour	whitish
Odour	characteristic
Colour	beige

pH

Value	6	to	8
Temperature	25	°C	

Solubility in water

Remarks completely soluble

Solubility in other solvents

Remarks	insoluble
Remarks	dispersible

9.2. Other information**Bulk density**Value 650 to 850 kg/m³**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.

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

Species	rat		
LD50		45000	mg/kg
Species	mouse		
LD50		20000	mg/kg



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Acute inhalational toxicity

Species	rat			
		21		mg/l
Duration of exposure		1	h	

Skin corrosion/irritation

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

Serious eye damage/irritation

Species	rat	
Duration of exposure		120
valuation	non-irritant	

Sensitization

Species	guinea pig
Remarks	No sensitisation effect known.

Mutagenicity

Remarks	None
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Reproduction toxicity

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

Carcinogenicity

Remarks	No evidence available on carcinogenicity.
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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.

12.2. Persistence and degradability**Biodegradability**

Value	93	%
Duration of test	14	d
valuation	Readily biodegradable	
method	OECD 302B	

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

Due to the distribution coefficient n-octanol/water, accumulation in organisms is not to be expected.

13. Disposal considerations



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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.

14. Transport information

Land transport ADR/RID

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Water Hazard Class (Ger.)

Water Hazard Class (Ger.) WGK 1

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.