

according to Regulation (EC) No 1907/2006

Emflake 3885

Print date: 20.10.2021

Product code: 51251

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

1.1. Product identifier

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

Use of the substance/mixture

food

1.3. Details of the supplier of the safety data sheet

Company name:	Emsland-Stärke GmbH	
	Werk Emlichheim	
Street:	Emslandstrasse 58	
Place:	D-49824 Emlichheim	
Post-office box:	1140	
	D-49820 Emlichheim	
Telephone:	+49 (0) 5943/81-0	
e-mail:	info@emsland-group.de	
Internet:	www.emsland-group.de	
Responsible Department:	Dokumentenabteilung - Produkte Documents Department - Products	
<u>1.4. Emergency telephone number:</u>	+49 (0) 5943/81-0 (während Bürozeiten / during office hours: 8:00 - 16:00)	

SECTION 2: Hazards identification

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization
potato flakes

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Without hazard for human and animals.

After inhalation

Provide fresh air

After contact with skin

Rinse with water.

After contact with eyes

Rinse with plenty of water.

After ingestion

Dilute with water.

4.3. Indication of any immediate medical attention and special treatment needed

Intended for human consumption. Product without toxic components.

SECTION 5: Firefighting measures

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5.1. Extinguishing media

Suitable extinguishing media

All suitable, slippery when wet

Unsuitable extinguishing media

None

5.2. Special hazards arising from the substance or mixture

Combustion produce CO₂/CO.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

None

6.2. Environmental precautions

Keep away from aquatic environment, high solubility, high COD/BOD value.

6.3. Methods and material for containment and cleaning up

Collect in dry mechanically state for normally disposal or combustion.

6.4. Reference to other sections

food

No dangerous compound.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid dusting conditions.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Dust explosive.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place. Keep away from strong odour.

Further information on storage conditions

storage temperature: max. 25 °C

Relative room humidity (%): max. 65 %

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
9005-25-8	Starch, respirable	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
9005-25-8	Starch, total inhalable	-	10		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls

Protective and hygiene measures

No dangerous substance, however pay attention for universally precaution in handling with chemicals.

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Wash hands before breaks and at the end of work.

Eye/face protection

Eye protection: not required.

Hand protection

Wear protective gloves

Skin protection

Skin protection: not required.

Respiratory protection

Under dusting conditions: breathing mask filter P1

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Flakes
Colour:	yellow
Odour:	characteristic

Test method

Changes in the physical state

ignition temperature::

Lower explosion limits: 60 g/m³

Upper explosion limits:

9.2. Other information

see product specification / data sheet

SECTION 10: Stability and reactivity

10.4. Conditions to avoid

humidity
Microbiological contamination.

10.6. Hazardous decomposition products

Does not decompose by proper application.

Further information

Product is stable under normal conditions.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

LD50, oral: > 2000 mg/kg
LD50, dermal: > 2000 mg/kg
LC50, inhalativ, dust: > 5mg/l/4 h

Irritation and corrosivity

No irritant effect

Sensitising effects

No sensitization effect

Carcinogenic/mutagenic/toxic effects for reproduction

No Carcinogenic, germ cell mutagen and reproduction effects.

Specific effects in experiment on an animal

Toxicological data are not available.

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SECTION 12: Ecological information

12.1. Toxicity

LC50 (fish, 96 h): > 100mg/l
EC50 (daphnia, 48 h): > 100mg/l
IC50 (algae, 72 h): > 100 mg/l

12.2. Persistence and degradability

Chemical Oxygen Demand (COD) ca. 1200 mg O₂/g
Biochemical oxygen demand (BOD) ca. 600 mg O₂/g
Product is biodegradable.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

Further information

Good solubility.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal number of waste from residues/unused products

160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

Waste disposal number of used product

160306 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; off-specification batches and unused products; organic wastes other than those mentioned in 16 03 05

Contaminated packaging

Waste disposal according to official state regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Inland waterways transport (ADN)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Marine transport (IMDG)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

Air transport (ICAO)

14.2. UN proper shipping name: Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information

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

EU regulatory information

Additional information

In accordance to Article 33 of Regulation (EC) 1907/2006 (Reach), including the last update of ECHA committee (16 June 2014) we declare that the product does not contain any substances of very high concern (SVHC list).

National regulatory information

Additional information

A classification at VwVwS is not necessary at application according to LFGB.

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SECTION 16: Other information

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)