



The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

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

Date issued 02.09.2016

### 1.1. Product identifier

Product name Lyckeby CheeseApp 50  
Chemical name Potato starch.

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

Use of the substance/preparation Food ingredient.  
Uses advised against No specific uses advised against are identified.

### 1.3. Details of the supplier of the safety data sheet

Company name Lyckeby Starch AB  
Postal address Box 45  
Postcode 290 34  
City Fjälkinge  
Country Sverige  
Tel +46(0)44 28 61 00  
Fax +46(0)44 28 64 79  
E-mail eva.lundholm@lyckeby.com  
Website <http://www.lyckebystarch.com>  
Contact person Eva Lundholm

### 1.4. Emergency telephone number

Emergency telephone Tel.:+46 730 433439

## SECTION 2: Hazards identification

### 2.1. Classification of substance or mixture

Substance / mixture hazardous properties Not regarded as a health or environmental hazard under current legislation.

### 2.2. Label elements

Other Label Information No mandatory labelling.

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Substance	Identification	Classification	Contents
Starch	CAS no.: 9005-25-8 EC no.: 232-679-6		
Substance comments	See Section 16 for the full wording of the Hazard phrases in this section. Any existing hygienic exposure limits, should they exist, are indicated in Section 8.		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Inhalation	Fresh air.
Skin contact	Get medical attention if irritation persists after washing.
Eye contact	Rinse with water. Get medical attention if discomfort continues.
Ingestion	Rinse mouth with water. Get medical attention if any discomfort continues.

### 4.2. Most important symptoms and effects, both acute and delayed

Acute symptoms and effects	Irritating to eyes and skin.
Delayed symptoms and effects	Extended skin contact can dehydrate the skin.

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

Other Information	No recommendation given.
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Water spray, foam, dry powder or carbon dioxide.
Improper extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	Risk of dust explosion.
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### 5.3. Advice for firefighters

Personal protective equipment	Chemical protective suit and fresh air mask are recommended.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	Observe the safety precautions listed in points 7 and 8 below.
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### 6.2. Environmental precautions

Environmental precautionary measures	Prevent discharge of large amounts of product to water recipients since it increases the BOD- and TOC-values. If the product is removed as dry it should be treated as organic waste for biogas or as combustible waste. See section 13.
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### 6.3. Methods and material for containment and cleaning up

Cleaning method	Sweep up and place into an appropriate container. Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.
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### 6.4. Reference to other sections

Other instructions	For personal protective equipment, see Section 8 and for other advice on waste management, see Section 13.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	Avoid handling which leads to dust formation.
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### Protective Safety Measures

Advice on general occupational hygiene	Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.
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### 7.2. Conditions for safe storage, including any incompatibilities

Storage	Clean, dry at ambient temperature, away from odorous materials.
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### 7.3. Specific end use(s)

Specific use(s)	No recommendation given.
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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Other Information about threshold limit values	Hygienic limit. Organic dust: NGV 5 mg/m <sup>3</sup> .
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## 8.2. Exposure controls

Limitation of exposure on workplace	Avoid as far a possible dust handling procedures. Wash hands before meals and breaks. Good personal hygiene.
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### Respiratory protection

Respiratory protection	Wear respirator if there is dust formation. Dust filter P2 (for fine dust).
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### Hand protection

Hand protection	Use protective gloves.
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### Eye / face protection

Eye protection	Use tight fitting goggles if dust is generated.
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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Powder
Colour	White.
Odour	Neutral.
pH (aqueous solution)	<b>Value:</b> 5-7 <b>Method of testing:</b> 12% in suspension
Specific gravity	<b>Value:</b> ~ 300 kg/m <sup>3</sup>
Solubility in water	In water at 25 °C.

### 9.2. Other information

#### Other physical and chemical properties

Physical and chemical properties	Minimum ignition temperature: 450 °C Minimum ignition energy: 40 mJ Minimum explosion concentration (MEC): 80 g/m <sup>3</sup> Maximum explosion pressure (Pmax): 9 bar KST value: 90 bar m/s Dust classification: St 1
Comments	The values indicated do not always correspond to the product specification. Specific values are given in the technical documentation.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity	No dangerous reactions under correct storage and handling procedures.
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### 10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.
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### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Risk of dust explosion.
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### 10.4. Conditions to avoid

Conditions to avoid	Avoid static electricity when handling dry product and use grounded equipment for the handling. Avoid dust close to ignition sources. Avoid dust close to ignition sources.
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### 10.5. Incompatible materials

Materials to avoid	No recommendation given.
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### 10.6. Hazardous decomposition products

Hazardous decomposition products	No recommendation given.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

## Other information regarding health hazards

General The product is a food ingredient.

### Potential acute effects

Inhalation Dust in high concentrations may irritate the respiratory system.

Skin contact Prolonged or repeated contact leads to drying of skin.

Eye contact Particles in the eyes may cause irritation and smarting.

## SECTION 12: Ecological information

### 12.1. Toxicity

Aquatic, comments The product increases the BOD and TOC-values in the water recipient.

### 12.2. Persistence and degradability

Comments, Biodegradability The product meets the requirements for readily biodegradable product.

### 12.3. Bioaccumulative potential

### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal The disposal must follow national legislation and current environmental regulations. Emptied and cleaned packaging of plastic, metal or paper is taken care of by the material company or choosed contractor.

Product classified as hazardous waste No

Packaging classified as hazardous waste No

EWC waste code EWC: 160306 organicwastes other than those mentioned in 16 03 05

## SECTION 14: Transport information

### 14.1. UN number

Comments Not dangerous goods.

### 14.2. UN proper shipping name

Comments Not dangerous goods.

### 14.3. Transport hazard class(es)

Comments Not dangerous goods.

### 14.4. Packing group

Comments Not dangerous goods.

### 14.5. Environmental hazards

Comments Not dangerous goods.

### 14.6. Special precautions for user

Special safety precautions for user No recommendation given.

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

### Additional information.

Additional information. No recommendation given.

## SECTION 15: Regulatory information

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

EEC-directive	Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.
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## 15.2. Chemical safety assessment

Chemical safety assessment performed No

## SECTION 16: Other information

Information which has been added, deleted or revised	An update of all sections due to new legislation. New system of MSDS.
Version	1
Responsible for safety data sheet	Lyckeby Starch AB
Prepared by	Ulla Gill