

Safety Data Sheet

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

1.1 Product identifier

Product identifier: Starch
Product name: Superior Potato Starch
Substance name: Starch
REACH registration no.: Not available for this substance as the substance is exempted from registration according to Regulation (EC) NO 1272/2008 (CLP).

Other means of identification

UFI code: Not applicable as the substance is not a mixture and furthermore is exempted from registration according to Regulation (EC) NO 1272/2008 (CLP).

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

Product use: For functional usage in the food industry i.e., thickener and stabilization in food products. Is also used in non-food applications.

Uses advised against: None

1.3 Details of the supplier of the Safety Data Sheet

Supplier: KMC a.m.b.a.
Address: Herningvej 60
DK-7330 Brande
Denmark

Telephone number: (+45) 96 42 55 55
SDS-responsible person: Hans Ole Carl, Manager Product Quality Assurance
E-mail address: hoc@kmc.dk

1.4 Emergency telephone number

Telephone number: (+45) 96 42 55 55
Opening hours: Only available during office hours

2. Hazards identification

2.1 Classification on the substance or mixture

2.1.1 Classification according to Regulation (EC) NO 1272/2008 (CLP).

No hazard classification for this substance

2.2 Label elements

GHS Pictogram: -
Signal word: -
Hazard Statement: -
Precautionary Statement: -
Supplemental hazard Information: Not applicable

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher according to Regulation (EU) no 1907/2006, Annex XIII

No substances in the substance/mixture are included in the list established in accordance with Regulation (EU) 1907/2006, Article 59 (1) for having endocrine disrupting properties; nor are they identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

May cause irritation to skin, eyes, and respiratory system.

3. Composition/information on ingredients

3.1 Substances

Product Identifier type in accordance with Article 18(2) of Regulation (EU) 1272/2008:	Substance name:	Weight % content:	SCL/M-factor/ATE:
Non-classified substance/mixture	Starch	100%	This product is not classified as hazardous

3.2 Mixtures

Does not apply.

4. First aid measures

4.1 Description of first aid measures

Inhalation:	Seek fresh air. Rinse the mouth with fresh water.
Skin:	Rinse with water.
Eyes:	Rinse with plenty of water.
Ingestion:	No need for specific measures.

4.2 Most important symptoms and effects, bot acute and delayed

Inhalation:	If breathed in, respiratory system can be irritated. No known permanent effects from single contact.
Skin:	May cause irritation to skin. The product will not give any delayed symptoms.
Eyes:	May cause irritation to eye. If the eyes are not rinsed with water prolonged symptoms may occur.
Ingestion:	No specific symptoms, neither acute nor delayed.

4.3 Indication of any immediate medical attention and special treatment needed

No specific treatment needed other than already stated under section 4.1.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:
All standard media – powder, foam and water – are suitable.

Unsuitable extinguishing media:
None.

5.2 Special hazards arising from the substance or mixture

At incomplete combustion CO can form (toxic gas).

5.3 Advice for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures.

6.1.1 For non-emergency personnel:

Protective equipment: See section 8.

Emergency procedures: Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation.

6.1.2 Emergency responders:

Protective equipment: See section 8.

6.2 Environmental precautions

Prevent the product from entering the water environment (rivers, streams, sewers and the like). Do not let the product enter the drains.

6.3 Methods and material for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 References to other sections

Personal protection: See section 8.

For waste precautions: See section 13.

7. Handling and storage

7.1 Precautions for safe handling

Avoid excess dusting. Use appropriate exhaust ventilation.

7.2 Conditions for safe storage, including any incompatibilities

To be stored dry and cool. Separated from strong smelling goods for quality reasons.

7.3 Specifics and use(s)

See section 1.2.

8. Exposure control/personal protection

8.1 Control parameters

Based on EH40/2005. See section 16 for full title.

Components:	Control parameters:	Value:
Starch	Long-term exposure limit (8-hr TWA reference period)	Total inhalable: n/a Respirable: n/a

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

No other specific precautions are needed, than those stated in section 7.1.

8.2.2 Individual protection measures, such as personal protective equipment:

- (a) Eye/ face protection:
No specific protection.
- (b) Skin protection:
 - (i) Hand protection:
Gloves of rubber or plastic are recommended as precaution for the skin drying out
 - (ii) Other:
No specific protection.
- (c) Respiratory protection:
Assure efficient mechanical ventilation or use a dust mask. Filter type P2.
- (d) Thermal hazards
No such risk under normal conditions of use.

8.2.3 Environmental exposure controls

No other specific precautions are needed, than those stated in section 6.2.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Properties

Physical state:	Powder
Colour:	White
Odour:	Neutral
Odour Threshold:	Non applicable
pH (30% suspension):	6 - 8
Melting point/freezing point:	Non applicable
Initial boiling point and boiling range:	Non applicable
Flash point:	Non applicable
Evaporation rate:	Non applicable
Flammability:	May be combustible at high temperature (>410°C)
Upper/lower flammability or explosive limits:	As dust. min. 15 g/m ³
Vapour pressure:	Non applicable
Vapour density:	Non applicable
Relative density:	Non applicable
Bulk density:	600 – 800 kg/m ³
Solubility(ies):	Insoluble in water (20°C)
Partition coefficient:	n-octanol/water: Non applicable
Auto-ignition temperature:	Non applicable
Decomposition temperature:	>150°C
Viscosity:	Not applicable
Explosive properties:	Minimum ignition temperature of dust cloud – approx. 410°C. Minimum explosive concentration is approx. 15 g/m ³ .
Oxidizing properties:	Not oxidizing

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity

Not applicable.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility for hazardous reactions

Potential source for dust explosions. See section 9.1 for limits.

10.4 Conditions to avoid

Avoid excess dust.

10.5 Incompatible materials

Strong oxidising substances.

To be separated from strong smelling goods for quality reasons.

10.6 Hazardous decomposition products

This product does not undergo spontaneous decomposition.

At incomplete combustion CO can form (toxic gas).

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity:

Oral LD50:	No data available
Dermal LD50:	No data available
LD50 intraperitoneal:	Mice – 6,600 mg/kg.

Skin corrosion/irritation:

Skin – human – mild skin irritation – 3 h

Serious eye damage/irritation:

Not available

Respiratory or skin sensitisation:

Not available.

Germ cell mutagenicity:

Not available.

Carcinogenicity:

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity:

Not available.

Specific target organ toxicity (STOT)- single exposure:

Not available.

Specific target organ toxicity STOT-repeated exposure:

Not available.

Aspiration hazard:

Not available.

11.2 Information on other hazards

No substances in the substance/mixture are included in the list established in accordance with Regulation (EU) 1907/2006, Article 59 (1) for having endocrine disrupting properties; nor are they identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

Other information:

RTECS: Not available

12. Ecological information**12.1 Toxicity**

Not available.

12.2 Persistence and degradability

Not available.

12.3 Bioaccumulative potential

Not available.

12.4 Mobility in soil

Not available.

12.5 Results of PBT and vPvB assessment

Not available.

12.6 Endocrine disrupting properties

No substances in the substance/mixture are included in the list established in accordance with Regulation (EU) 1907/2006, Article 59 (1) for having endocrine disrupting properties; nor are they identified as having endocrine disrupting properties in accordance with the criteria set out in Delegated Regulation (EU) 2017/2100 or Regulation (EU) 2018/605.

12.7 Other adverse effects

Not available.

13. Disposal considerations**13.1 Waste treatment methods**

Dispose of surplus and non-recyclable solutions to a licensed disposal company in accordance with regulations in force.

Product/ Packaging disposal:

Product: Waste should not be disposed of by release to sewers. Dispose of as solids.

Packaging material: Single use packaging. Collect for recycling or disposal.

Waste treatment-relevant information:

-

Sewage disposal-relevant information:

Avoid entering drains and sewage.

Other disposal recommendations:

Contaminated packaging: dispose of as unused product.

14. Transport information

The substance is not classified as dangerous in the meaning of transport regulations.

14.1 UN or ID Number

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods.

IMDG: Not dangerous goods.

IATA: Not dangerous goods.

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packing group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: No

IMDG marine pollutant: No

IATA: No

14.6 Special precautions for user

Not available.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

15. Regulatory information

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

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH):
Not applicable.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006:
Not applicable.

Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH):
Not applicable.

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

16. Other information

SDS Creation Date: 28.01.1997

Revision Date: 24.02.2025

Revision no.: 16

Approved by:

Vibeke Lund Pedersen, Product Quality Assurance Specialist

Revisions were made in Sections:

Routine 3-year update, only minor grammatical corrections in Section 9.1.

Data sources for this SDS:

EH40/2005:

EH40/2005 Workplace Exposure Limits: Containing the List of Workplace Exposure Limits for Use with the Control of Substances Hazardous to Health Regulations (As Amended).

Disclaimer:

This information is based upon the state of our knowledge.

This SDS has been compiled and is solely intended for this product.