

Section 1: Identification

1.1 Product identifier:

Windmill Tapioca Starch
Windmill Organic Tapioca Starch

1.2 Relevant identified uses of the substance and uses advised against:

Food and feed

1.3 Details of the supplier:

Meelunie B.V.
P.O. Box 10102
1001 EC AMSTERDAM
The Netherlands
Tel : +31 20 5306530
Website: www.meelunie.com

Section 2: Hazard(s) identification

2.1 Classification of the substance or mixture:

According with OSHA 29 CFR 1910.1200 aligning with the Globally Harmonized System of Classification and labeling:

- Combustible Dust

2.2 Label Elements:

Under OSHA 29 CFR 1910.1200(b)(5)(iii), the product does not need to be labeled.

Section 3: Composition/information on ingredients

3.1 Substance:

Chemical name: Starch
CAS Number: 9005-25-8
EC Number: 232-679-6

Section 4: First-aid measures

4.1 Description of first aid measures:

General: Seek medical attention if irritation develops after first aid application
Inhalation: Move the exposed person to fresh air. Administer oxygen if breathing is difficult.
Eye contact: Flush thoroughly with water. If eye irritation occurs: Get medical advice/attention.
Skin contact: Wash with warm water. If skin irritation occurs: Get medical advice/attention.
Ingestion: Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed:

None anticipated

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

Physicians should treat symptomatically.

Section 5: Fire-fighting measures

5.1 Extinguishing media:

Water spray, dry chemical powder, carbon dioxide, and chemical foam

5.2 Special hazards arising from the substance or mixture:

Dust may form an explosive mixture in the atmosphere.

5.3 Advice for firefighters:

Wear full protective gear. Prevent dust cloud.

Section 6: Accidental release measures

6.1 Personal precautions:

None under normal conditions. Avoid prolonged inhalation of dust.

6.2 Environmental precautions:

None anticipated

6.3 After spillage/leakage:

Take up mechanically and collect in suitable container for disposal. Avoid collection methods that would result in dust cloud formation.

6.4 Reference to other sections:

See section 13 for disposal.

Section 7: Handling and storage

7.1 Precautions for safe handling:

Avoid dust formation and accumulation.

7.2 Conditions for safe storage, including any incompatibilities:

Store 20 °C max, dry, 60% RH max conditions, off ground, away from chemicals and odorous materials.

7.3 Specific end use(s):

None anticipated

Section 8: Exposure controls/personal protection

8.1 Control parameters:

OSHA PEL: 5 mg/m³ Respirable dust
15 mg/m³ Total dust

ACGIH TLV: 5 mg/m³ Respirable dust
10 mg/m³ Inhalable dust
15 mg/m³ Total dust

8.2 Exposure control:

Respiratory protection: Dust mask

Eye protection: Safety glasses

Hand protection: Gloves

Skin protection: Coveralls

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance (physical state, color, etc.):	White powder
Odor:	Odorless
Odor threshold:	No data available
pH:	4-7
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	No data available
Water solubility:	Insoluble at 25°C
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity:	No data available

9.2 Other information

N/A

Section 10: Stability and reactivity

10.1 Reactivity:

None anticipated

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions:

Dust may form explosive mixture in air

10.4 Conditions to avoid:

None anticipated

10.5 Incompatible materials:

Strong oxidizing agents

10.6 Hazardous decomposition products:

Carbon monoxide and carbon dioxide

Section 11: Toxicological information

11.1 Information on toxicological effects:

No data available. The ingredients of this product are not classified as carcinogenic by the ACGIH, the CIRC, the OSHA or the NTP.

Section 12: Ecological information

12.1 Toxicity:

No data available

12.2 Persistence and degradability:

No data available

12.3 Bioaccumulative potential:

No data available

12.4 Mobility in soil:

No data available

12.5 Results of PBT and vPvB assessment:

N/A

12.6 Other adverse effects:

No data available

Section 13: Disposal considerations

13.1 Waste disposal procedure:

This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations (40 CFR 261.4 (b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.

Section 14: Transport information

14.1 UN number:

Not classified as a dangerous product

14.2 UN proper shipping name:

N/A

14.3 Transport hazard class(es):

N/A

14.4 Packing group:

N/A

14.5 Environmental hazards:

N/A

14.6 Special precautions for user:

None anticipated

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

N/A

Section 15: Regulatory information

15.1 Safety, health and environmental regulations:

According with OSHA 29 CFR 1910.1200 aligning with the Globally Harmonized System of Classification and labeling:

- Combustible Dust

15.2 Chemical safety assessment:

US federal regulations:

ODS: Not applicable

TSCA Status: Not applicable

SARA (EPCRA) Section 313 (40 C.F.R. § 372.65): Not applicable

Section 16: Other information:

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