

**O6344 Rice Starch**

Page 1

Revised edition: 09.08.2016

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**1. Identification of the Substance/Mixture and of the Company/Undertaking****1.1. Product Identifier***Product Name:* Rice Starch*Article No.:* O6344**1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against***Identified uses:*

Food additive

*Uses advised against:***1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)***Company:* Interlabshop BV*Address:* Lage Brink 23, 7317BD Apeldoorn The Netherlands*Tel./Fax.:* +31(0)55-5215016*Internet:* www.labshop.nl*EMail:* labshop@labshop.nl*Importer:*

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**1.4. Emergency No.***Emergency No.:* 112 (24 hours a day)

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**2. Hazards Identification****2.1. Classification of the Substance or Mixture***Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)**This product does not require classification and labelling as hazardous according to CLP/GHS.**Classification according to Directive No. 67/548/EC or No. 1999/45/EC**The material is not subject to classification according to EC lists.**Safety Phrases:**Possible Environmental Effects:***2.2. Label Elements***Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)**No classification required according to the CLP/GHS guidelines.**Hazard designation:**Not applicable.**Signal word:**Hazard designation:**Safety designation:**Hazardous components for labelling:***2.3. Other Hazards**

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**Composition/Information on Ingredients**

next page: 2

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

## O6344 Rice Starch

Page 2

Revised edition: 09.08.2016

Version: 3.1

Printed: 29.06.2017

### 3.

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:* *Synonym: Amylum Oryzae  
Rice starch*

*Information on Components / Hazardous  
Ingredients:*

Starch	100 %	CAS-Nr: 9005-25-8 EINECS-Nr: 232-679-6 EC-Nr:
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*Additional information:*

*Exempted from the mandatory REACH Registration.*

### 4. First Aid Measures

#### 4.1. Description of the First Aid Measures

*General information:*

*Take affected persons out into the fresh air.*

*After inhalation:*

*Supply fresh air.*

*After skin contact:*

*Wash off with plenty of water.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek  
medical help.*

*After ingestion:*

*The product is not toxic.*

#### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

#### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*Treat symptomatically.*

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*CO2, extinguishing powder, water jet.*

*Unsuitable extinguishing media:*

*Water with full jet.*

#### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*May cause explosive dust-air-mixtures.*

next page: 3

**O6344 Rice Starch**

Page 3

Revised edition: 09.08.2016

Version: 3.1

Printed: 29.06.2017

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*In case of fire: formation of carbon monoxide and dioxide.***5.3. Advice for Firefighters***Protective equipment:**Wear suitable protective clothing.**Further information:*

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**6. Accidental Release Measures****6.1. Personal Precautions, Protective Equipment and Emergency Procedures***Personal precautions:**Do not inhale dust. Avoid formation of dust.***6.2. Environmental Precautions***Environmental precautions:**No special measures required.***6.3. Methods and Material for Containment and Cleaning Up***Methods and material:**Clean up mechanically. Avoid dust formation.***6.4. Reference to other Sections***For information for safe handling see Section 7.**Protective clothing, see Section 8.*

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**7. Handling and Storage****7.1. Precautions for Safe Handling***Instructions on safe handling:**Avoid formation of dust. Do not inhale dust.**Hygienic measures:**Wash hands before breaks and after work.***7.2. Conditions for Safe Storage, including any Incompatibilities***Storage conditions:**Store in tightly sealed containers in a dry room.**Protect against humidity.**Requirements for storage areas and containers:**Keep container tightly closed.**Information on fire and explosion protection:**Risk of dust explosion.**ST1 Capable of dust explosion**Storage class (VCI):**10-13**Further Information:***7.3. Specific End Use(s)***Further information:*

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next page: 4

**O6344 Rice Starch**

Page 4

Revised edition: 09.08.2016

Version: 3.1

Printed: 29.06.2017

---

**8. Exposure Controls/Personal Protection****8.1. Parameters to be Controlled***General dust limit**Parameters to be controlled (DE):**Parameters to be controlled:**TLV: 10 mg/m<sup>3</sup> (8h; BE); TWA: 3 mg/m<sup>3</sup> (CH); TWA: 4 mg/m<sup>3</sup> (CZ); VLA-ED: 10 mg/m<sup>3</sup> (ES); TWA: 10 mg/m<sup>3</sup> (UK); OELV-TWA: 4 mg/m<sup>3</sup> (8h; IE); VLE-MP: 10 mg/m<sup>3</sup> (PT)**Derived No-Effect Level (DNEL):**Predicted No-Effect Concentration (PNEC):**Additional Information:***8.2. Exposure Controls***Technical protective measures:**Provide adequate ventilation in case of dust formation.**Personal Protection**General protective measures:**Wash hands before breaks and after work.**Respiratory protection:**Dust mask recommended when very dusty (with particle filter P1).**Hand protection:**Not required**Protective glove material:**Eye protection:**Not required.**Body protection:**Environmental precautions:**No special measures required.*

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**9. Physical and Chemical Properties****9.1. Information on Basic Physical and Chemical Properties***Form: powder**Color: white**Odor: odorless**Odor threshold:**No information available.**pH-Value:**5 - 8 (10% H<sub>2</sub>O; 20°C)**Melting temperature:**not determined**Boiling temperature:*

next page: 5

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

## O6344 Rice Starch

Page 5

Revised edition: 09.08.2016

Version: 3.1

Printed: 29.06.2017

---

*not determined*

*Flash point:*

*not available*

*Evaporation rate:*

*not applicable*

*Flammability (solid, gas):*

*> 380°C*

*Upper explosion limit:*

*no information available*

*Lower explosion limit:*

*no information available*

*Vapor pressure:*

*not applicable*

*Vapor density:*

*No information available.*

*Density:*

*not available*

*Solubility in water:*

*insoluble*  
*Thickens in hot water.*

*Coefficient of variation (n-  
Octanol/Water):*

*not determined*

*Auto-ignition temperature:*

*No information available.*

*Decomposition temperature:*

*ca. 200°C*

*Viscosity, dynamic:*

*not applicable*

*Explosive properties:*

*Risk of dust explosion.*

*Oxidizing properties:*

*no information available*

*Bulk density:*

*300 - 600 kg/m<sup>3</sup>*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

**O6344 Rice Starch**

*Minimum ignition energy: > 10 mJ*

**10. Stability and Reactivity**

**10.1. Reactivity**

*Stable if used according to specifications.*

**10.2. Chemical Stability**

*Stable if used according to specifications.*

**10.3. Possibility of Hazardous Reactions**

*Dust can form explosive mixtures with air.*

**10.4. Conditions to Avoid**

*Conditions to avoid:*

*Avoid humidity.*

*Avoid sources of heat, open fire, sparks and other ignition sources.*

*Thermal decomposition:*

**10.5. Incompatible Materials**

*Strong oxidizing agents.*

**10.6. Hazardous Decomposition Products**

*None known.*

**10.7. Further Information**

**11. Toxicological Information**

**11. 1. Information on Toxicological Effects**

*No toxicity expected.*

*Acute Toxicity*

*LD50, oral:*

*> 2000 mg/kg*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No irritant effect known.*

*Irritant effect on eyes:*

*Particles can cause mechanical irritation.*

*Inhalation:*

*No irritant effect known.*

*Ingestion:*

*No irritant effect known.*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*No mutagenic effects known.*

*Reproductive toxicity:*

*No relevant data found.*

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

## O6344 Rice Starch

Page 7

Revised edition: 09.08.2016

Version: 3.1

Printed: 29.06.2017

---

*Carcinogenicity:*

*No cancerogenic effect known.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*Single exposure: no organospecific toxicity expected.*

*Repeated exposure: the substance or mixture is not classified as specific target organ toxicant.*

*Additional toxicological information:*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*No toxicity expected.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12.2. Persistency and Degradability

*No information available.*

### 12.3. Bioaccumulation

*No bioaccumulation expected (log P(o/w) 1-3).*

### 12.4. Mobility

*Product is not water soluble.*

### 12.5. Results of PBT- und vPvP Assessment

*On the basis of available data, the product does not contain and PBT or vPvB in percentage greater than 0.1 %.*

### 12.6. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*If product cannot be reused or recycled, it has to be disposed of according to current local regulations.*

*Smaller quantities can be disposed of with household waste.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Waste Code No.:*

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**O6344 Rice Starch**

Page 8

Revised edition: 09.08.2016

Version: 3.1

Printed: 29.06.2017

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**14. Transport Information****14.1. UN Number***ADR, IMDG, IATA***14.2. UN Proper Shipping Name***ADR/RID:**No hazardous goods according to ADR (land transportation).**IMDG/IATA:**No hazardous goods according to IMDG.***14.3. Transport Hazard Classes***ADR Class:**not applicable**Hazard no.:**Classification code:**Tunnel restriction code:**IMDG Class (sea):**Hazard no.:**EmS No.:**IATA Class:**not applicable**Hazard no.:***14.4. Packaging Group***ADR/RID:**not applicable**IMDG:**IATA:***14.5. Environmental Hazards***None***14.6. Special Precautions for User***Not classified as a dangerous good under transport regulations.***14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code***not applicable***14.8. Further Information**

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**15. Regulatory Information****15.1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture***Water hazard class:**0, not hazardous (German Regulation; Self-assessment)**Local regulations on chemical accidents:**Employment restrictions:*

next page: 9



# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

## O6344 Rice Starch

Page 9

Revised edition: 09.08.2016

Version: 3.1

Printed: 29.06.2017

---

*Restriction and prohibition of application:*

*EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: not applicable*

*Technical instructions on air quality:*

**15. 2. Chemical Safety Assessment**

*A Chemical Safety Assessment is not necessary for this product.*

**15. 3. Further Information**

*EC. REACH, Annex XIV, Candidate List of Substances of very High Concern (SVHC): not regulated / not applicable*

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**16. Other Information**

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*