

MSDS 400-1

VISCOSTAR<sup>®</sup> 400International  
Starch  
Trading A/S**Material Safety Data Sheet**

3. January 2005

For information or in an emergency call:

Manufacturer's Name *Name of Licensee*Manufacturer's Address *Address of Licensee***1. Product Identification**

Product Name	VISCOSTAR <sup>®</sup> 400
Synonyms	Cassava Starch, Tapioca Starch
Product type	Vegetable
CAS RN	009005-25-8
CFSAN	977002-81-5

**2. Physical Data**

Boiling Point	N/A
Vapour Pressure	N/A
Melting Point	N/A
Specific Gravity	N/A
Vapour Density	N/A
Solubility In Water	N/A
Appearance	White Powder

**3. Health Hazard Information**

Principle Hazardous Components	May be irritating to skin, eyes, throat and lungs. Repeated contact may cause allergic reactions.
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Health Hazards - Acute:	Ingestion:	Cassava starch is a Generally Recognized as Safe (GRAS) substance by the US federal Food and Drug Administration (FDA).
	Inhalation:	Effects associated with nuisance dust
	Eyes:	Solids or dust may scratch the surface of the eye which can cause mechanical irritation.
	Skin:	Not chemically irritating, rubbing may cause mechanical irritation similar to sand or dust. Prolonged contact (several days) may be mildly irritating.

#### 4. Fire And Explosion Hazard Data

Flash Point	N/A
Flammability Limits	N/A
Extinguishing Media	Water, Foam, Carbon dioxide, Dry Chemical
Special Fire-Fighting Information	None
Unusual Fire and Explosion Hazards	Mixtures of product and air are explosive above 60 g/m <sup>3</sup> .
Hazardous Combustion Products	Smoke
Autoignition temp	N/A

#### 5. Reactivity Information

Stability	This product is normally stable when dry. Above 50 °C it will form a gel with water.
Incompatibility	None particular

#### 6. Emergency And First Aid Procedures

Eye (contact)	Flush immediately with clean water for at least 10 minutes. Contact a physician if irritation persists.
Skin (contact)	N/A
Ingestion (swallowing)	N/A

#### 7. Spill or Leak Procedures

Steps to be taken in case material is released or spilled	Contain spill and recover product. Report spills to appropriate authorities if required.
Waste disposal method:	Place material into sealed containers and dispose of in accordance with current applicable laws and regulations.

#### 8. Special Protection Information

Respiratory protection	Paper or cloth mask recommended.
Eye protection	Safety glasses or other eye protection recommended.
Protective gloves	Not Required
Ventilation	Material should be handled in a manner that will minimize dusting. Adequate local ventilation recommended.
Other	None required.

### **9. Special Precautions**

Precaution (handling and storing)	Store in a cool, dry, ventilated area. Keep containers tightly closed and upright when not in use. Wash hands before use.
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The opinions expressed herein are those of qualified experts within International Starch Trading A/S. We believe that the information contained herein is current as of the date of this material Safety Data Sheet. Since the use of this information and the conditions of the use of the product are not within the control of International Starch Trading A/S it is the user's obligations to determine conditions of safe use of the product.