

# SAFETY DATA SHEET

According to regulation (EC) no. 1907/2006 - REACH



## AGENAFLO 9050

Release: 01, issued: 22.12.2011  
Release: 06  
Revised: 04.09.2017

Date of print: 05.09.2017

### 1. Identification of the substance and company

#### 1.1 Product identifier

Trade name: AGENAFLO 9050  
EC name: modified corn starch  
INCI name: Corn Starch Modified  
Product number: 9050

REACH-register no.: no registration required

Synonyms:

#### 1.2 Relevant identified uses

Function: For cosmetic applications

Exposure scenarios attached: no data available

#### 1.3 Details of the supplier

Company/Supplier: AGRANA Stärke GmbH.  
Raiffeisenweg 2 - 6, A-4082 Aschach/D  
telephone: +43 7273/6441-0 (0-24:00)  
telefax: +43 7273/6441-18075  
*e-mail:* [martin.turner@agrana.com](mailto:martin.turner@agrana.com)

Emergency telephone number: Telephone supplier: + 43 7273/6441-0 (0-24:00)  
Telephone Vergiftungs-informations-zentrale: +43 (0)1/406 43 43

### 2. Hazards identification

<b>2.1 Classification of the substance</b>	According to regulation 1272/2008: not hazard
<b>2.2 Label elements</b>	According to regulation 1272/2008: Hazard phrases: - Signalword: - Pictogram: -
<b>2.3 Other hazards</b>	The substance does not fulfill the criteria for PBT or vPvB in accordance with REACH VO 1907/2006.

### 3. Composition/information on ingredients

Constituent (EC name)	CAS number	EC number	Percentage
modified maize starch			100

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### 4. First aid measures

#### 4.1 Description of first aid measures

**after inhalation:** remove to fresh air;  
**after contact with skin:** wash with water and soap  
**after contact with eyes:** clean careful under fluent water; If symptoms develop, get medical attention  
**after ingestion:** treat symptomatically and supportively;

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

no date available

#### 4.3 Indication of immediate medical attention and special treatment

no date available

### 5. Fire-fighting measures

#### 5.1 Extinguishing media

Carbon dioxide (CO<sub>2</sub>), foam, dry powder, water spray jet

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

Carbon monoxide (CO) can arise at an incomplete burning.

#### 5.3 Advice for firefighters

### 6. Accidental release measures

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

Use a dust mask (filter class P3) at strong dust development. Skin or eye contact may result an mild irritation.

#### 6.2 Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas.

#### 6.3 Methods and materials for containment and clean up

Spills or release should be handled by containment, collection via vacuum or sweeping, then placing material in sealed labelled containers. The spill area should be cleaned with a minimal amount of water, which is collected via an absorbent material, which will then be disposed of with spilt notified polymer.

#### 6.4 Reference to other sections

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### 7. Handling and storage

<b>7.1 Precautions for safe handling</b>	Avoid deposits especially on hot surfaces, open flames, electrostatic charges (possibility of dust explosion).
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	Keep dry
<b>7.3 Specific end uses</b>	

### 8. Exposure controls and personal protection

<b>8.1 Control parameters</b>	
<b>National exposure limit:</b>	MAC: none
<b>8.2 Exposure controls</b>	Personal protective equipment: use a dust mask (filter class P3) at strong dust development.

### 9. Physical and chemical properties

Appearance	white to yellowish powder
Odour	specific, pure
Odour threshold	
pH	approx. 5,5 (at 100 g/l, near RT)
Melting point (101325 Pa)	not applicable
Boiling point (101325 Pa)	not applicable
Flash point	not applicable
Evaporation rate	not applicable
Flammability (solid/gas)	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	not applicable
Vapour density	not applicable
Bulk density	no data available
Solubility(ies)	insoluble (20°C)
Partition co-efficient: n-octanol/water	not applicable
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available
Explosive properties	not oxidizing
Oxidising properties	no
Other information	-

### 10. Stability and reactivity

<b>10.1 Reactivity</b>	
<b>10.2 Chemical stability</b>	
<b>10.3 Possibility of hazardous reactions</b>	possibility of dust explosions
<b>10.4 Conditions to avoid</b>	Avoid deposits especially on hot surfaces, open flames,

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	electrostatic charges
<b>10.5 Incompatible materials</b>	none anticipated
<b>10.6 Hazardous decomposition products</b>	in case of burning carbon dioxide (CO <sub>2</sub> ), carbonmonoxide (CO) can be released.

## 11. Toxicological information

<b>11.1 Information on toxicological effects</b>	
Acute oral toxicity	LD50 5000mg/kg
Skin corrosion/irritation	Slightly irritating
Serious eye damage/irritation	Slightly irritating
Respiratory or skin sensitisation	No evidence of sensitisation
Germ cell mutagenicity	not determined
Carcinogenicity	not determined
Reproductive toxicity	not determined
STOT – single exposure	not determined
STOT – repeated exposure	not determined
Aspiration hazard	not determined
Toxicokinetics	not determined
Likely routes of exposure	not determined
Symptoms related to the physical and toxicological characteristics	not determined
Delayed effects	not determined

The product is not toxic.

Source of toxicological data: NICNAS Public Report PLC/523 (30.03.2005).

There are no toxicological data available for the notified polymer. The toxicological endpoints were submitted for a structurally similar material, 73-8050. The material 73-8050 contains the same protein but the ratio of the reactants is higher (contains 8% Dodecyl succinic anhydride (DDSA) and 2.5% Calcium chloride) compared with the notified polymer.

## 12. Ecological information

<b>12.1 Toxicity</b>	no data available
<b>12.2 Persistence and biodegradability</b>	no data available
<b>12.3 Bioaccumulation potential</b>	no data available
<b>12.4 Mobility in soil</b>	not applicable
<b>12.5 Results of the PBT assessment</b>	not applicable
<b>12.6 Other adverse effects</b>	not known

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### 13. Disposal considerations

#### 13.1 Waste treatment methods

SUBSTANCE DISPOSAL: Dispose of in accordance with local regulations.  
CONTAINER DISPOSAL: Dispose of in accordance with local regulations.

### 14. Transport information

#### 14.1 UN number

#### 14.2 UN proper shipping name

#### 14.3 Transport hazard class(es)

#### 14.4 Packing group

#### 14.5 Environmental hazards

#### 14.6 Special precautions for user

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

Not classified as hazardous under transport regulations (ADR, RID, IATA-DGR, IMDG).

### 15. Regulatory information

#### 15.1 Safety, Health and Environmental regulations

National regulations (Austria):

none

Additional national regulations:

none

#### 15.2 Chemical Safety assessment

A chemical safety assessment has not been carried out for this substance

### 16. Other information

Abbreviations

Other information relating to regulation 1272/2008:

The information contained herein is based on the present state of our knowledge and does not guarantee certain properties. Recipients of the product must take responsibility for observing laws and regulations.

### 17. Annex