

Trade name: Novoclair Speed

Substance number: 277010

Version: 1 / CH

Date revised: 14.07.2020

Replaces Version: - / CH

Print date: 14.07.20

## **SECTION 1: Identification of the substance/mixture and of the company/undertaking**

### **1.1. Product identifier**

Novoclair Speed

Item No. 27701000

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

#### **Use of the substance/preparation**

food industry

### **1.3. Details of the supplier of the safety data sheet**

#### **Address/Manufacturer**

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible

for this SDS

### **1.4. Emergency telephone number**

Switzerland :145 / Abroad +41 (0)44 251 51 51

## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

#### **Classification (Regulation (EC) No. 1272/2008)**

Classification (Regulation (EC) No. 1272/2008)

Resp. Sens. 1 H334

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

### **2.2. Label elements**

#### **Labelling according to regulation (EC) No 1272/2008**

##### **Hazard pictograms**



##### **Signal word**

Danger

##### **Hazard statements**

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

##### **Precautionary statements**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P284 [In case of inadequate ventilation] wear respiratory protection.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER or doctor.

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P501.3 Disposal in compliance with local and national regulations.

**Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)**

contains Polygalacturonase

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Hazardous ingredients****Polygalacturonase**

CAS No. 9032-75-1

EINECS no. 232-885-6

Concentration  $\geq$  1 < 10 %

Classification (Regulation (EC) No. 1272/2008)

Resp. Sens. 1 H334

**SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

**After skin contact**

Remove contaminated, soaked clothing immediately and dispose of safely. In case of contact with skin wash off with water. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). Remove contact lenses. By continuous complaints consult a physician.

**After ingestion**

Rinse out mouth and give plenty of water to drink. By continuous complaints consult a physician.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Water mist, Alcohol-resistant foam, Dry chemical extinguisher, Carbon dioxide

**5.3. Advice for firefighters****Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

Do not discharge into the subsoil/soil. Do not discharge into the drains/surface waters/groundwater.

**6.3. Methods and material for containment and cleaning up**

Pick up mechanically. Rinse away rest with water. Provide adequate ventilation. Cleaning operations should be carried out only with breathing apparatus.

**6.4. Reference to other sections**

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Information regarding personal protective measures, see Section 8.

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

#### **Advice on safe handling**

Avoid dust formation. Avoid formation of aerosols. Provide good ventilation of working area (local exhaust ventilation if necessary).

### **7.2. Conditions for safe storage, including any incompatibilities**

#### **Recommended storage temperature**

Value	0	25	°C
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#### **Requirements for storage rooms and vessels**

Keep tightly closed in a dry and cool place.

#### **Storage classes**

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	6.1	Toxic substances

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Derived No/Minimal Effect Levels (DNEL/DMEL)**

##### **Polygalacturonase**

Type of value	Derived Minimal Effect Level (DMEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	60	ng/m <sup>3</sup>

### **8.2. Exposure controls**

#### **Exposure controls**

Provide adequate ventilation.

#### **General protective and hygiene measures**

Observe the usual precautions for handling chemicals.

#### **Respiratory protection**

In case of insufficient ventilation, wear suitable respiratory equipment. Particle filter P3

#### **Hand protection**

In case of intensive contact wear protective gloves.

#### **Eye protection**

Safety glasses with side protection shield

#### **Body protection**

Clothing as usual in the chemical industry.

#### **Environmental exposure controls**

Do not allow to enter drains or water courses.

## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

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<b>Form</b>	Granules	
<b>Colour</b>	white to beige	
<b>Odour</b>	characteristic	
<b>Colour</b>	brown	
<b>Flash point</b>		
Value	°C	
Remarks	Not applicable	
<b>Vapour pressure</b>		
Remarks	Not applicable	
<b>Density</b>		
Value	0.65	g/ml

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

None

### **10.2. Chemical stability**

No decomposition if stored and applied as directed.

### **10.3. Possibility of hazardous reactions**

No decomposition if stored and applied as directed.

### **10.4. Conditions to avoid**

friction

### **10.5. Incompatible materials**

None

### **10.6. Hazardous decomposition products**

None

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute oral toxicity (Components)**

##### **Polygalacturonase**

LD50	>	2000	mg/kg
Method		OECD 401	

#### **Skin corrosion/irritation (Components)**

##### **Polygalacturonase**

evaluation	non-irritant
Method	OECD 404

#### **Serious eye damage/irritation (Components)**

##### **Polygalacturonase**

evaluation	non-irritant
Method	OECD 405

#### **Sensitization (Components)**

##### **Polygalacturonase**

Species	Human
evaluation	sensitizing

#### **Mutagenicity (Components)**

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**Polygalacturonase**evaluation  
MethodNot considered mutagenic based on several in vitro and in vivo studies.  
OECD 471**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity (Components)****Polygalacturonase**

LC50	58.3	to	326.7	mg/l
Duration of exposure	96	h		
Method	OECD 203			

**Daphnia toxicity (Components)****Polygalacturonase**

Species	Daphnia			
EC50	31.7	to	457	mg/l
Duration of exposure	48	h		
Method	OECD 202			

**Algae toxicity (Components)****Polygalacturonase**

ErC50	> 5.2			mg/l
Duration of exposure	72	h		
Method	OECD 201			

**12.2. Persistence and degradability****Biodegradability (Components)****Polygalacturonase**

evaluation	Readily biodegradable
Method	OECD 301

**12.3. Bioaccumulative potential****Octanol/water partition coefficient (log Pow) (Components)****Polygalacturonase**

log Pow	< 0
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**12.5. Results of PBT and vPvB assessment****Evaluation of persistence and bioaccumulation potential (Components)****Polygalacturonase**

Does not bioaccumulate.

**Polygalacturonase**

The Substance doesn't meet PBT/vPvB-criteria

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

**Disposal recommendations for packaging**

Dispose of as unused product.

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## **SECTION 14: Transport information**

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

## **SECTION 15: Regulatory information**

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

#### **Water Hazard Class (Germany)**

Water Hazard Class (Germany)      WGK 3

Remarks      Derivation of WGK according to Annex 1 No. 5.2 AwSV

### **15.2. Chemical safety assessment**

For this substance a chemical safety assessment is not required.

## **SECTION 16: Other information**

### **Hazard statements listed in Chapter 3**

H334      May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### **CLP categories listed in Chapter 3**

Resp. Sens. 1      Respiratory sensitization, Category 1

### **Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: \*\*\*  
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.