

SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product identifier: Depectil Clarification FCE
- 1.2 Identified use: For use in winemaking
- 1.3 Supplier details: Danstar Ferment A.G.
Vejlevej 10
Fredericia
DK-7000
Denmark
- Phone: +45 76 22 32 85
- Email: fb.france@lallemand.com
- 1.4 Emergency telephone: Contact your local doctor or hospital

SECTION 2 - HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture: Respiratory sensitizer Cat. 1

2.2 Label elements (according to Reg. (EC) No. 1272/2008)



GHS Hazard pictogram:

Signal word: Danger

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

Precautionary statement: P261- Avoid breathing dust/mist.
P285- In case of inadequate ventilation wear respiratory protection.
P304 + P341- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position of comfortable breathing.
P342+ P311- If experiencing respiratory symptoms, Call a POISON CENTER of doctor/physician.
P501- Dispose of contents/container according to local regulations.

2.3 OTHER HAZARDS: Not available. This substance is not considered as a PBT or VPVB substance.

SECTION 3 – COMPOSITION

Substance/Mixture: Mixture

Dangerous ingredients

Substance Name	%	IUB	CAS #	EINECS	Classification
Pectinases	0-70%	3.2.1.15, 3.1.1.11, 4.2.2.10, 3.2.1.21, 3.2.1.58	9032-75-1, 9025-98-3, 9033-35-6, 9001-22-3, 9073-49-8	232-885-6, 232-807-0, 232-894-5, 232-589-7, 232-968-7	Resp. Sens. 1

The other ingredients are not listed as they have no impact on the classification of the substance.

SECTION 4 – FIRST AID MEASURES

4.1 Description of First Aid Measures

Eye contact: Adequately flush eyes with water.

Skin contact: Wash affected area with soap and water.

Inhalation: Immediately remove person to fresh air.

Ingestion: Rinse mouth and throat thoroughly with water. Drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

Eye contact: Possible irritation.

Skin contact: May cause irritation.

Inhalation: May cause coughing (irritation) or irritate asthma. May cause sensitization. Subsequent chronic or acute exposure in sensitized persons may cause a respiratory allergic reaction, including asthmatic bronchitis, in minutes or delayed.

Ingestion: Possible bloating, gas, and bowel discomfort.

4.3 Indication of any immediate medical attention and special treatment needed: None.

If any symptoms persist, seek medical attention.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing media

Suitable: Water, foam, carbon dioxide, dry powder

Unsuitable: None

5.2 Special hazards arising from the material: None

5.3 Advice to firefighters: Wear a self-contained breathing apparatus (SCBA) when exposed to confined or enclosed fires as product powder could be in the air.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Personnel precautions Non-emergency: None Emergency: None

6.2 Environmental precautions: None

6.3 Method and materials for clean up: Use a vacuum or broom and dust pan. Vacuum up or sweep the spill into a dust pan. Powder may be collected in a container or bag before being placed in the trash. Dispose of waste in the proper receptacle for trash.

6.4 References to other sections: See Section 8 for personal protective equipment.

SECTION 7 – HANDLING & STORAGE

7.1 Precautions for safe handling

Handling: Avoid breathing dust. Avoid contact with eyes.

Occupational hygiene: Wash hands thoroughly after handling.

7.2 Conditions for safe storage

Risks: Not at risk for corrosion, fire, explosion, or chemical reaction.

Place of storage: No special instruction to minimize risks (see above). Store according to label directions to maintain label guarantees.

Fire/explosion protection: None needed.

7.3 Specific end use: None

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

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|-----|-------------------------|-----------------------------------------------------------------------|-------------------------------------|
| 8.1 | Control parameters | Exposure limits: No limit. | Biological limits: No limit. |
| 8.2 | Exposure controls | | |
| | Engineering: | None | |
| | Eye/face protection: | Protective glasses should be worn in conditions of excessive dusting. | |
| | Skin | Hand: None | |
| | | Other: None. | Wear appropriate clothing for work. |
| | Respiratory protection: | Protective mask should be worn in conditions of excessive dusting. | |
| | Thermal protection: | None | |
| | Environmental exposure: | None | |

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Beige to dark beige powder (varies lot to lot)
Odour: Strong odour of fermentation
Solubility: Soluble in water
Odour threshold; pH; Melting point/Freezing point; Initial boiling point and boiling range; Flash point; Evaporation rate; Flammability; Vapour pressure; Vapour density; Relative density; Partition coefficient (n-octanol/water); Auto-ignition temperature; Decomposition temperature; Viscosity; Explosive properties; Oxidising properties: Not Applicable

9.2 Other information: None

SECTION 10 – STABILITY AND REACTIVITY

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|------|-------------------------------------|--------------|
| 10.1 | Reactivity: | Not reactive |
| 10.2 | Chemical stability: | Stable |
| 10.3 | Possibility of hazardous reactions: | None |
| 10.4 | Conditions to avoid: | None |
| 10.5 | Incompatible materials: | None |
| 10.6 | Hazardous decomposition products: | None |

SECTION 11 – TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity:	No known effects.
Skin corrosion/irritation:	Possible irritation to skin.
Eye damage/irritation:	Possible irritation to eye.
Respiratory /Skin sensitization:	Possible allergic reaction or sensitization.
CMR:	No known effects.
(Carcinogenity, germ cell Mutagenicity, Reproductive toxicity)	

SECTION 12 – ECOLOGICAL INFORMATION

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|------|--------------------------------|-----------------------------------------------------|
| 12.1 | Toxicity: | No known ecological effects. |
| 12.2 | Persistence and degradability: | No persistence and the substance is bio-degradable. |
| 12.3 | Bioaccumulative potential: | None |
| 12.4 | Mobility in soil: | Not relevant |

12.5 Results of PBT and vPvB assessment: Not relevant

12.6 Other adverse effects: None

SECTION 13 – DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product and packaging can be disposed of in regular trash or waste. No special disposal method required. Follow all applicable local laws for recycling, bagging, and disposal of trash.

SECTION 14 – TRANSPORT INFORMATION

14.1 UN Number: Not relevant

14.2 UN proper shipping name: Not relevant

14.3 Transportation hazard class: Not classified as dangerous.

14.4 Packing group: Not relevant

14.5 Environmental hazards: None

14.6 Special precautions: None

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code: Not relevant

SECTION 15 – REGULATORY INFORMATION

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

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV – List of substances subject to authorization ,
Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous
substances, mixtures and articles: Not applicable.

15.2 Chemical safety assessment: Not relevant

SECTION 16 – OTHER INFORMATION

SDS issue date: 24 November 2014

Disclaimer: The information, data and recommendations contained in this SDS are provided in good faith, obtained from reliable sources, and believed to be true and accurate as of the date of revision. The SDS serves as description of the products in regard to necessary safety measures. No warranty, expressed or implied, regarding the product described in this SDS shall be created or inferred by any statement in this SDS.

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