

Herbstreith & Fox GmbH & Co. KG Pektin-Fabriken

Turnstraße 37 · 75305 Neuenbürg/Württ. · Germany · Tel.: +49 7082 7913-0 · Fax: +49 7082 20281 · E-Mail: info@herbstreith-fox.de · www.herbstreith-fox.de

Material Health & Safety Data Sheet acc. to Regulation (EC) No 1907/2006

1. Identification of the Substance / Preparation and of the Company / Undertaking:

Information on Product:

Trade Name: Pectin (E 440)
Product Code: -

Information on Manufacturer/Supplier:

Company: Herbstreith & Fox GmbH & Co. KG
Pektin-Fabriken
Turnstrasse 37
D-75305 Neuenbürg
Telephone: +49 7082 7913-0
Fax: +49 7082 20281
E-Mail: info@herbstreith-fox.de
Emergency Telephone: Not necessary.

2. Hazards Identification:

Pectin is not classified as a dangerous substance or preparation according to Directives 1999/45/EC and 67/548/EEC and Regulation (EC) 1272/2008.

3. Composition / Information on Ingredients:

Description: Pectins are made from carefully selected raw materials.
Major Component: Pectin (if necessary standardized).
CAS-Number: 9000-69-5
Identification-Number: Pectin is a permitted food additive.
EINECS-Number: 0232-553-0

4. First-Aid Measures:

Inhalation: Fresh air if discomfort is felt.
Skin Contact: Wash with water and soap if need is felt.
Eye Contact: In case of eye contact, rinse with plenty of water.
Ingestion: No immediate treatment necessary.
Advice to Doctor: Seek medical advice in case of continuing discomfort.

5. Fire-Fighting Measures:

Suitable extinguishing media: Dry powder, carbon dioxide, foam or water.
Special protective equipment: Wear self-contained breathing apparatus in case of fire.

6. Accidental Release Measures:

Personal Precautions: Contaminated floors may be slippery.
Control of dust.
Environmental Precautions: Do not empty into drains.
Methods for Cleaning up: Collect spillages.

Herbstreith & Fox GmbH & Co. KG Pektin-Fabriken

Turnstraße 37 · 75305 Neuenbürg/Württ. · Germany · Tel.: +49 7082 7913-0 · Fax: +49 7082 20281 · E-Mail: info@herbstreith-fox.de · www.herbstreith-fox.de

7. Handling and Storage:

Handling: Adequate ventilation in case of dust formation.
Storage: Store pectins in original bags, cool and dry.
Avoid excessive light.

8. Exposure Controls / Personal Protection:

Does not contain any substances with occupational exposure limit values.

Personal Protective equipment:

Respiratory Protection: In case of dust formation.
Eye Protection: Safety goggles.
Hand Protection: Wear protective gloves in case of permanent contact.

9. Physical and Chemical Properties:

Appearance: A powdery substance with a neutral odour.
Colour: White, beige or greyish.
Odour: Neutral.
Solubility: Soluble in hot water.
Explosive: By ignition of a dust cloud pectins can cause a weak dust explosion ($K_{St} < 200 \text{ bar.m/s}$).
Boiling Point: No data available. **Melting Point:** No data available.
Flash Point: No data available. **Flammability Limits:** No data available.
Vapour Pressure: No data available. **Density:** No data available.

10. Stability and Reactivity:

 Pectins are stable under normal conditions of use.

Conditions to avoid: None.
Materials to avoid: None.
Hazardous decomposition products: None.

11. Toxicological Information:

Acute toxicity: No data available.
Irritation: No data available.
Corrosivity: No data available.
Sensitisation: No data available.
Repeated dose toxicity: No data available.

12. Ecological Information:

Pectins are believed not to be dangerous to the environment with respect to mobility, persistency and degradability, bio accumulative potential, aquatic toxicity and other data relating to eco-toxicity.

13. Disposal Considerations:

Substance: Mind national or regional provisions in force.
Contaminated packaging: Disposal similar to substance.
Mind national or regional provisions in force.

Herbstreith & Fox GmbH & Co. KG Pektin-Fabriken

Turnstraße 37 · 75305 Neuenbürg/Württ. · Germany · Tel.: +49 7082 7913-0 · Fax: +49 7082 20281 · E-Mail: info@herbstreith-fox.de · www.herbstreith-fox.de

14. Transport Information:

Pectins are not considered dangerous in any transportation code.

15. Regulatory Information:

There is no obligation for labelling according to Directives 1999/45/EC, 67/548/EEC and Regulation (EC) 1272/2008.

16. Other Information:

In rare cases allergic reactions may develop on prolonged or repeated contact with pectins. Eye or skin contact may cause mild transient irritation.

A product description is available on request.

The information contained herein is furnished without warranty of any kind. Employers should use this information as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of this material and the safety and health of employees.
