

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 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 Directives 1999/45/EC and 67/548/EEC.

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.

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.

14. Transport Information:

Pectins are not considered dangerous in any transportation code.

15. Regulatory Information:

There is no obligation for labelling according to relevant EC directives and national legislation.

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.

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