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 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.
- **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 (KSt < 200 bar.m/s).

Boiling Point: No data available.
Flash Point: No data available.
Vapour Pressure: No data available.
Melting Point: No data available.
Flammability Limits: 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:

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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