

MATERIAL SAFETY DATA SHEET

Agar, Granulated

In Case of Emergency: Call ChemTrac (24 hr): 800-424-9300, 703-527-3887 Call (330)425-2522

1. Product Identification

Synonyms: Kanten, Japanese isinglass, Tungfen, Japanese gelatine

CAS N^o: 9002-18-0

Product Codes: 20-248, 20-249, 20-275

2. Composition/Information on Ingredients

Name of product: AGAR-AGAR

Chemical composition: mixture of 2 polysaccharides

- Agarose: 3,6 anhydro-L-Galactose and D-Galactose con 1,4 and 1,3 bonds
- Agaropectin: Agarose sulphated with D-Glucuronic Acid and Pyruvic Acid

3. Hazards Identification

This material is not considered hazardous to health pursuant to Directive 67/548/CEE, but should only be used in association with suitable hygiene and safety practices.

4. First Aid Measures

Inhalation: Remove to fresh air. If there are problems seek medical assistance.

Skin contact: Wash with excess water. If irritation is persistent, seek medical assistance.

Eye contact: Wash copiously with water for up to 15 minutes. If there is persistent irritation, seek medical assistance.

Ingestion: If there is abdominal discomfort, seek medical assistance.

5. Fire Fighting Measures

For fires concerning this material, do not enter or allow anyone to enter any enclosed area without proper breathing equipment.

To extinguish the fire, use water, CO₂, etc.

Does not release dangerous substances upon burning.

6. Accidental Release Measures

Personal Precautions

Avoid inhaling the powder. Use respiratory protection if there is a lot of dust.

Cleaning Methods

Take practical precautions to limit the amount of dust.. Sweep up spilt powder.

7. Handling and Storage

Handling

Avoid creating dust. Avoid tearing bags.

Storage

Keep storage areas dry to protect product quality.

8. Exposure Controls/Personal Protection

Exposure limit

Not known

Respiratory Protection

No significant risk. If there is an excessive accumulation of powder, use respiratory protection equipment.

Eye Protection

Use appropriate eye protection; use goggles to prevent contact.

9. Physical and Chemical Properties

Physical form: Powder

Colour: White

Odour: Faint marine smell

Boiling Point : Not applicable

Ignition Point: Not applicable

Flammability: Not applicable

Explosive Properties: Not applicable

Combustion Properties: Not applicable

Vapour Pressure: Not applicable

Relative Density: Not applicable

Water Solubility: 5% maximum by weight

Coefficient of Distribution: n-octane/water: Not applicable

Viscosity: Not applicable

Vapour Density: Not applicable

Evaporation rate: Not applicable

Density: approximately 0.5 g/cm³

10. Stability and Reactivity

Conditions to be Avoided: No risk if used for specified purpose

Hazardous breakdown products: None

11. Toxicological Information

Not hazardous, even at high levels, for inhalation, skin contact, skin absorption or ingestion. Not hazardous in contact with the eyes but at high exposure may cause irritation. High concentration of the powder in the workspace may seriously reduce visibility and cause dust to settle in the eyes and nasal passages.

12. Ecological Information

If handled correctly there are no ecological problems.

13. Disposal Considerations

No special requirements. It is the responsibility of the user to observe all laws, rules and regulations, whether local, regional or national.

14. Transport Information

Not considered a hazardous material.

15. Regulatory Information

Not classified as hazardous.

Status: Accepted

Reviewed By: Brady Chung

Review Date: 7/23/2009

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