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MATERIAL SAFETY DATA SHEET

Drosophila Agar, Type II

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 Nº: 9002-18-0
Product Codes: 66-103, 66-104, 66-105, 66-111

2. Composition/Information on Ingredients

Name of product: AGAR-AGAR
Chemical composition: mixture of 2 polysaccharides
- Agarose: 3,6 anhydro-L-Galactose and D-Galactoss 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

I**nhalation:** 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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