

## TECHNICAL DATA SHEET

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### 1. Product identification.

- Product name: CINNAMYL ALCOHOL NATURAL.
- Synonym(s): 3-Phenyl-2-propen-1-ol, cinnamic alcohol.
- Botanical name: Cinnamomum Cassia.
- Origin: Vietnam.

### 2. Availability.

- Botanical harvest: April to June, September to December.
- Product Availability: All year round.
- Annual capacity: 2MT.

### 3. Processing method.

- Manufacturing: Fractional distillation from cassia oil

### 4. Classification.

- CAS: 104-54-1.
- EC Number: 203-212-3.
- FEMA-GRAS: 2294.
- JECFA Number: 647.

### 5. Physical analysis and chemical analysis.

- Appearance: Liquid/crystal mass.
- Odour: Hyacinth.
- Solubility: Soluble in glycerol, alcohol.
- Assay: Min. 98.0% Cinnamyl Alcohol.
- Refractive index (20°C): 1.5800 - 1.5840.
- Specific gravity (20°C): 1.040 - 1.048.

### 6. Compliance with international standards.

- Council Regulation (EC) No 1997/2006.
- Directive 2001/18/EC.
- Commission Regulation (EC) No 1881/2006.
- OSHA Hazard Communication Standards, 29 CFR 1910.1200.
- US Code of Federal Regulations Title 21, 21 CFR 182.20.

### 7. Storage conditions.

- Handling: Avoid breathing dust/fume/gas/mist/vapours/spray.
- Storage conditions: In tightly closed containers, cool & dry place protected from direct light.
- Packing: 200KGS/30KGS per HDPE Drum.
- Shelf life: 24 months from manufacturing date.

### 8. Potential applications.

- Recommended use: Concentrated aromatic and flavour.
- Restriction on use: For manufacturing use only.