

## TECHNICAL DATA SHEET

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### 1. Product identification.

- Product name: ANETHOLE EU NATURAL
- Synonym(s): 1-methoxy-4-[(E)-prop-1-enyl]benzene
- Botanical name: Illicium verum Hook. f.
- Origin: Vietnam.

### 2. Availability.

- Botanical harvest: October to December.
- Product Availability: All year round.
- Annual capacity: 80MT.

### 3. Processing method.

- Manufacturing: Fractional distillation from star anise oil

### 4. Classification.

- CAS: 4180-23-8
- EC Number: 224-052-0
- FEMA-GRAS: 2086

### 5. Physical analysis and chemical analysis.

- Appearance: Liquid/Solid, colourless to light yellow.
- Odour: Sweet
- Solubility: Insoluble in water
- Assay: Min 99.0% *trans*-Anethole
- Specific gravity (25 °C): 0.983 – 0.988.
- Refractive index (25 °C): 1.5570 – 1.5610

### 6. Compliance with international standards.

- Council Regulation (EC) No 1997/2006.
- Directive 2001/18/EC.
- Commission Regulation (EC) No 1881/2006.
- Commission Regulation (EC) No 1334/2008.
- OSHA Hazard Communication Standards, 29 CFR 1910.1200.
- US Code of Federal Regulations Title 21, 21 CFR 182.60.

### 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 HDPE Drum/200KGS Steel Drum/30KGS HDPE Can.
- Shelf life: 24 months from manufacturing date.

### 8. Potential applications.

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