

TECHNICAL DATA SHEET

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1. Product identification.

- Product name: COUMARIN NAT.
- Synonym(s): 1,2-benzopyrone.
- Botanical name: Cinnamomum Cassia.
- Origin: Vietnam.

2. Availability.

- Botanical harvest: April to June, September to December.
- Product Availability: All year round.
- Annual capacity: 10MT

3. Processing method.

- Manufacturing: Fractional distillation from cassia oil.

4. Classification.

- CAS: 91-64-5.
- EC Number: 202-086-7.

5. Physical analysis and chemical analysis.

- Appearance: Colourless to white crystals.
- Odour: Vanilla.
- Solubility: Soluble in ether, alcohol, chloroform.
- Assay: Min. 98.0% Coumarin.
- Density: 0.932 to 0.940 @ 20°C

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 182.60.

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: 30KGS per UN Fiber Drum
- Shelf life: 24 months from manufacturing date.

8. Potential applications.

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