

TECHNICAL DATA SHEET

Sr. No. : RM0006-V-02

Printed Date 06/02/2017

Item Code : RM0006

Date : 17/06/2013

Item Name : CASSIA OIL CHINESE

Version : 02

CAS # 8007-80-5

FEMA # 2258

EINECS # 284-635-0

Botanical Name Cinnamomum cassia Blume (Lauraceae)

Product Description Yellow to brown mobile liquid with characteristic spicy odour of cassia cinnamon

Origin Obtained by steam distillation of wood/bark of cassia plant

PHYSICO-CHEMICAL PROPERTIES :

Appearance Yellow to brown

Physical Status LIQUID

Flash Point (Closed cup) °C 138°C

Refractive Index 1.602 - 1.614 @20°C

Relative Density 1.045 - 1.063 @25°C

Optical Rotation -1° to +0°

Solubility in Alcohol 1:2 in 70% ethanol

Solubility in Water Insoluble

Main Components by GLC

Cinnamic Aldehyde : 75 - 80%

Benzaldehyde : 0.85 - 1.4%

Coumarin : 1.75 - 2.5%

o-methoxy cinnamaldehyde : 8 - 13%

Salicylaldehyde : 0.25 - 0.5%

Phenyl Ethyl alcohol : 0.3 - 0.6%

o-methoxy Cinnamyl Acetate: 0.3-1%

Shelf Life 12 months under proper storage conditions

Legislation Natural

Stability Avoid strong acids strong bases and all oxidising agents.

Uses Fragrance & Flavour Application

HANDLING PRECAUTION

Handle in adequate ventilation, avoid skin and eye contact, use goggles or face shield and wear protective clothing

PACKING & STORAGE

Should be stored in a cool, dry well ventilated places in fully tight sealed containers protected from light. Containers should be kept away from light and source of ignition.

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