

TECHNICAL DATA SHEET

Sr. No. : 1033-V-02

Printed Date : 15/04/2015

Item Code : 1033

Date : 17/06/2013

Item Name : CLOVE LEAF OIL 80%

Version : 02

CAS #	8000-34-8
FEMA #	2325
EINECS #	284-638-7
Botanical Name	Eugenia caryophyllata
Product Description	Pale yellow or almost water having harsh, phenolic & only slight sweet odour.
Origin	Obtained by fractional distillation from crude oil of Eugenia caryophyllata

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Pale yellow or almost water	
Physical Status	LIQUID	
Refractive Index	1.525-1.535 @20°C	
Relative Density	1.025-1.050 @20°C	
Optical Rotation	0° to -3°	
Solubility in Alcohol	1:2 in 70% alcohol	
Solubility in Water	Insoluble	
Main Components by GLC	Eugenol min 80%	Beta Caryophyllene 5-14%
	Acetyl eugenol 4-15%	

Shelf Life 12 months under recommended storage conditions.

Legislation Natural

Stability Avoid strong acids strong bases and all oxidising agents

Uses Flavour/Fragrance Application

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

PACKING & STORAGE Store at ambient temperature, dry and well-ventullated area, away from heat source and protected from light. Store in tightly sealed original containers, packed in Aluminium bottles, HDPE Food grade cans, MS Coated Drums or GI Drums. Keep air contact min

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