

TECHNICAL DATA SHEET

Sr. No. : RM0187-V-02

Printed Date 27/02/2018

Item Code	: RM0187	Date	: 13/06/2013
Item Name	: CITRONELLA OIL CHINESE	Version	: 02

CAS #	8000-29-1
FEMA #	2308
EINECS #	294-954-7
Botanical Name	Cymbopogon winterianus
Product Description	Pale yellow to brownish clear mobile liquid having citronella-like, lemon, grassy odour.
Origin	Obtained by steam distillation from herbs of the plant, cymbopogon winterianus

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Pale yellow to brownish mobile liquid	
Physical Status	LIQUID	
Flash Point (Closed cup) °C	94°C	
Refractive Index	1.460 - 1.475 @20°C	
Relative Density	0.870-0.890 @20°C	
Optical Rotation	-5° to 1.0°	
Solubility in Alcohol	1:2 in 80% ethanol	
Solubility in Water	Insoluble	
Main Components by GLC	Citronellal: 25 - 50% Citronellol: 10 - 25%	
	Geraniol: 10 - 25% Citronellyl Acetate: 1 - 10%	
	Limonene: 1 - 10% Eugenol: 1 - 10%	
	Geranyl Acetate: 1 - 10% Isopulegol: 1 - 10%	
	Citral: 0.1 - 1%	

Shelf Life 12 months under recommended storage conditions.

Stability Avoid strong acid strong base and all oxidizing agent.

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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