

TECHNICAL DATA SHEET

Sr. No. : 1081-V-02

Printed Date 03/02/2017

Item Code	: 1081	Date	: 13/06/2013
Item Name	: MANDARIN GREEN OIL	Version	: 02

CAS #	8008-31-9
FEMA #	2657
EINECS #	284-521-0
Botanical Name	Citrus reticulata
Product Description	Light green to dark green clear mobile liquid with characteristic odor.
Origin	Obtained by expression without the aid of heat from the fresh fruit peel of Citrus reticulata.

PHYSICO-CHEMICAL PROPERTIES :

Appearance	Light green to dark green
Physical Status	LIQUID
Flash Point (Closed cup) °C	48°C
Refractive Index	1.472-1.475 @20°C
Relative Density	0.855-0.874 @20°C
Optical Rotation	69° to 75°
Solubility in Alcohol	Soluble
Solubility in Water	Insoluble
Main Components by GLC	alpha Pinene: 1.6-2.7% beta Pinene: 1-2% Myrcene: 1.4-2% n-Octanal: 0-0.14% gamma Terpinene: 17-22% Limonene: 65-74% Linalool: 0.05-0.2% Decanal: 0.04-0.14% alpha Sinensal: 0.2-0.5% Methyl n-Methyl Anthranillate: 0.4-0.7%

Shelf Life 12 months or longer under proper storage conditions.

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 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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