



TECHNICAL DATA SHEET

PRODUCT: NANGAI OIL

ITEM NUMBER: 05-5900

CERTIFICATIONS: N/A

- **INCI NAME:** *Canarium Indicum Oil* • **REACH STATUS #:** *Exempt*
- **CAS NUMBER:** Not Applicable • **EINECS NUMBER:** Not Applicable

DESCRIPTION: Nangai Oil (Canarium Indicum Oil) is a genus of about 75 species of tropical trees in the family Burseraceae. It is native to Vanuatu. The oil is extracted by a cold pressed method from the seed of the tropical trees. The oil is 100% pure, non-refined and non-deodorized. Nangai Oil tends to solidify under cool/cold conditions, warming before use will alleviate this problem.

ANALYSIS

SPECIFICATION

APPEARANCE	YELLOW, SEMI-VISCOUS OIL
COLOR BY GARDNER	3 - 6
ODOR	MILD NUTTY
IDENTIFICATION BY FT-IR	SPECTRAL COMPARISON
MOISTURE	LESS THAN (<) 1%
REFRACTIVE INDEX @ 25°C	1.30 – 1.50
SPECIFIC GRAVITY @ 25°C	0.90 – 0.94
AOM @ 20 – 50 HOURS	20 meq/Kg MINIMUM
SAPONIFICATION VALUE	150 – 220
IODINE VALUE	40 – 75 g/100g
PEROXIDE VALUE (AT TIME OF DRUMMING)	6.0 meq/Kg MAXIMUM

SHELF LIFE: 2 YEARS FROM MANUFACTURING DATE, IN AN UNOPENED CONTAINER

OPTIMAL STORAGE CONDITIONS: STORE IN A ROOM WITH A TEMPERATURE WITHIN 15 °C TO 25 °C

NO PRESERVATIVES ADDED

“THE MATERIAL SHOULD BE KEPT IN TIGHTLY CLOSED CONTAINERS PROTECTED FROM DIRECT SUNLIGHT”

RAW MATERIAL FOR FURTHER PROCESSING

Exposure to cool temperatures may result in partially or completely solidification of the oil, warm the product until clear to ensure homogeneity.

REVISION DATE: 06-05-20