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SESAME OIL NF

INCI: SESAMUM INDICUM (SESAME) SEED OIL

Identification:	Passed
Color, Lovibond 5 ¼":	Max. 25Y/2.5R
Free Fatty Acids, per 10 grams:	not more than 2.0 ml of 0.020 N NaOH
Specific Gravity @ 25° C:	0.916 - 0.921
Solidification Range of F/A, ° C:	20 – 25
Iodine Value:	103 – 116
Saponification Value:	188 – 195
Unsaponifiable Matter, %:	Max. 1.5
Moisture & Impurities, %:	Max. 0.15
Peroxide Value, mEq/kg.:	Max. 10
at time of drumming	
Cottonseed Oil:	Absent
Heavy Metals, Method II, %:	Less than 0.001
Cold Test, remains clear @ 0 ° C:	Min. 5 Hrs.

Triglycerides Composition %

LLL	7.0 – 19.0
OLL	13.0 – 30.0
PLL	5.0 – 9.0
OOL	14.0 – 25.0
POL	8.0 – 16.0
OOO	5.0 – 14.0
SOL	2.0 - 8.0
POO	2.0 - 8.0

Fatty Acid Composition

C16:0 Palmitic	7.0 – 11.0
C18:0 Stearic	3.0 – 6.0
C18:1 Oleic	33.0 – 48.0
C18:2 Linoleic	40.0 – 50.0
C18:3 Linolenic	1.0 Maximum

This oil complies with NF Specifications.

PACKAGING: 55 GALLON POLY DRUM
GROSS WT: 460 LBS. TARE WT: 40 LBS. NET WT: 420 LBS.

PACKAGING: 5 GALLON POLY PAIL
GROSS WT: 38 LBS. TARE WT: 3 LBS. NET WT: 35 LBS.



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DESCRIPTION:

SESAME OIL IS THE REFINED TRIGLYCERIDE OIL OBTAINED FROM THE SEEDS OF SESAMUM INDICUM. THE FATTY ACIDS OF THE TRIGLYCERIDES CONSIST PRIMARILY OF LINOLEIC ACID AND OLEIC ACID IN AN APPROXIMATE RATIO OF 1:1. PALMITIC AND STEARIC ACIDS ACCOUNT FOR LESS THAN 15% OF THE ACIDS. THIS EMOLLIENT OIL IS STABLE IN NEUTRAL AND MILDLY ACIDIC OR ALKALINE SYSTEMS AND IS COMPATIBLE WITH NONIONIC, ANIONIC AND CATIONIC SURFACTANTS.

APPLICATIONS:

SESAME OIL IS A NATURAL EMOLLIENT OIL FOR MAKEUPS AND SKIN AND HAIR CARE PRODUCTS. ITS LIGHT NONTACKY FEEL IS ADVANTAGEOUS IN BATH, BODY, EYE, AND THROAT OILS. IT ENHANCES THE GLASS AND SPREAD OF PIGMENTED STICK AND POT PRODUCTS. SESAME OIL IS OFFICIAL IN THE USP AND NUMEROUS FOREIGN PHARMACOPOEIAS WHERE IT IS USED AS AN EMOLLIENT, SOLVENT AND VEHICLE.

SOLUBILITY:

SESAME OIL IS SOLUBLE IN ISOPROPYL ESTERS AND MINERAL OIL. IT IS SLIGHTLY SOLUBLE IN ALCOHOL AND INSOLUBLE IN WATER.

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