

PHYTOPLENOLIN® ZEAPLENOLIN™

PHYTOPLENOLIN® is an extract from the Australian native plant known as Centipeda Cunninghamii. The plant has been used by Australian aborigines for many years and is highly regarded for its healing properties. #9870L

Also available in Zemea® as Zeaplenolin™ #9870LZB

The active components in the extract (Sesquiterpene lactones) have shown to have outstanding cell renewal, anti-inflammatory and antimicrobial properties. Each delivers proven results for the fast and effective relief and treatment of skin conditions such as eczema, psoriasis, fungal infections of the feet, dermatitis, allergy rashes, windburn, sunburn or any dry skin complaint.

INCI NAME: Centipeda Cunninghamii Extract

APPROVED FOR USE IN UNITED STATES AND AUSTRALIA

Stable In pH Range From 3.00-7.00

Completely Miscible With Water

SUGGESTED PRODUCT CATEGORIES: Sunscreens, Creams, Lotions, Bar Soaps, Mouth Rinses

RECOMMENDED USE LEVELS: 0.1-1.0%

APPEARANCE: liquid

COLOR: light brown to brown

AROMA: characteristic, aromatic

METHOD OF MANUFACTURING: extraction by *Bio-Chelation®

SOLVENT FOR EXTRACTION: Aqueous alcohol

VEHICLE: Butylene Glycol (CAS No. 107-88-0), USP Purified Water (CAS No. 7732-18-5)

RECOMMENDED STORAGE: store in a cool dry place, away from excessive heat or freezing temperatures

SHELF LIFE: 24 months unopened

SPECIFICATIONS:

RESIDUE: <5.00% (16 hrs.@ 105°C)

REFRACTIVE INDEX: 1.3800-1.4100 (USPXXV <831>)

SPECIFIC GRAVITY: 1.0200-1.0450 (USPXXV <841>)

PH: 4.80 - 5.80 (USPXXV <791>)

MICROBIOLOGICAL: (USPXXV <61>)

TOTAL AEROBIC PLATE COUNT (TAPC): <500 C.F.U./gm

COMBINED YEAST & MOLD COUNT (CYM): <200 C.F.U./gm

STAPHYLOCOCCUS AUREUS: Negative

E. COLI: Negative

