

# Juva Cleanse



**Juva Cleanse Essential Oil Blend (Code #3395) 15ml**

## Body System Supported

Liver

## Benefits

Because of the pervasive chemical pollution of our environment, it is crucial for humans to have a healthy liver. It is clear that cleansing and detoxifying the liver has never been more important! Knowing this critical need, Gary Young created Juva Cleanse, blending three powerful essential oils known for cleansing and supporting the liver.

## Ingredients

Juva Cleanse is a blend of pure, therapeutic-grade essential oils with antioxidant action. Antioxidants are known to prevent free radical damage and to boost the immune system. Helichrysum (*Helichrysum italicum*) appears in several varieties, many of which have been researched for antioxidant and hepatoprotective actions.<sup>1, 2, 3</sup> Celery Seed (*Apium graveolens*), is between 60-65% limonene, which protects against cell mutations. Studies have also been conducted to show the antioxidant capabilities and hepatoprotective activity of celery seeds.<sup>4, 5</sup> Ledum (*Ledum groenlandicum*), has a long folk history, used primarily as a tea. Russian and British scientists have studied the antioxidant properties of ledum.<sup>6, 7</sup>

## How to Use

Apply topically over liver or on feet. If pregnant or under a doctor's care, consult a physician before using. Skin test for sensitivity.

## Directions/Precautions

Skin test first for sensitivity.

## Historical Information

The liver is the body's largest organ and has the major role of detoxifying the body. Not only does it filter blood, everything you eat must also pass through it. Even what you breathe must be filtered through the liver, including chemicals from aerosol cleaners and paint or bug sprays. In addition to widespread pesticide contamination, it has been estimated that 80% of U.S. livestock and poultry receive animal drugs for disease treatment and accelerated growth. The Kupffer cells of the liver breakdown and ingest toxins. But even filters need cleaning. The essential oils of ledum, celery seed, and helichrysum have long been known for their liver cleansing and supporting qualities. The wonderful synergy of Juva Cleanse intensifies the action of these powerful essential oils.

### Footnotes

1 Sala, A., et al., "... antioxidant properties of Helichrysum italicum." J Pharm Pharmacol. 2002 Mar;54(3):365-71.

2 Schinella GR, et al., "Antioxidant activity of anti-inflammatory plant extracts." Life Sci. 2002 Jan 18;70(9):1023-33.

3 Facino, RM, Carini M, et al., "Phytochemical characterization and radical scavenger activity of flavonoids from Helichrysum italicum G. Don (Compositae). Pharmacological Research, 22(6):709-721.

4 Momin, RA, Nair, MG, "Antioxidant, cyclooxygenase and topoisomerase inhibitory compounds from Apium graveolens Linn. Seeds." Phytomedicine 2002 May;9(4):312-8.

5 Ahmed B et al., "Hepatoprotective activity of two plants belonging to the Apiaceae and the Euphorbiaceae family." J Ethnopharmacol. 2002 Mar;79(3):313-6.

6 Bol'shakova IV, et al., "Antioxidant properties of plant extracts." Biofizika, 1998 Mar-Apr;43(2):186-8.

7 Pieroni A, et al., "In vitro antioxidant activity of non-cultivated vegetables of ethnic Albanians in southern Italy." Phytother Res 2002 Aug;16(5):467-73.

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