



**EUROHEALTH®**  
Guiding You to Good Health



**Alkyrol® 500-Adult Formula**

Immune System Booster  
Stimulant du Systeme Immunitaire  
Olio Bionico per il Sistema Immunitario  
Estimulante del sistema Immunologico

CLINICALLY TESTED

120 CAPSULES

## Alkyrol® - Shark Liver Oil, Rich with Alkylglycerols

Fact Sheet for Health Professionals (rev. 2016-11-10)

**COMPOSITION** THE ACTIVE INGREDIENTS in **Alkyrol®** are Alkylglycerols, a group of substances, naturally occurring in most mammals in their blood-forming organs (bone marrow, liver and spleen) and in mother's milk. The liver of some cold-water, deep sea species of shark have been found to have the highest natural concentration of Alkylglycerols.

**Alkyrol®** contains extensively purified liver oil from the Greenland shark, standardized to contain 20% Alkylglycerols. In the purification process contaminants such as PCB, pesticides and heavy metals have been removed, as well as unwanted fatty substances such as cholesterol, EPA/DHA (fish oils) and excessive amounts of Vitamin A and D, ("fish liver oil"). One capsule of 250 mg offers 50 mg of alkylglycerols, one capsule of 500 mg offers 100 mg of Alkylglycerols.

**INDICATIONS** For the enhancement of the body's immune defense system.

**DOSAGE FORM** Gel Capsules

**CONTRAINDICATIONS** None known

**TOXICITY** The toxicity of alkylglycerols is very low, even in extremely high dosages. In laboratory studies on mice, the dosages given were hundreds of times larger than therapeutic dosage with no observed pathological changes.

**SIDE EFFECTS** None known

**SUGGESTED USAGE** For health maintenance and prevention:  
2 Alkyrol® capsules of 250 mg, or 1 capsule of 500 mg twice a day.

For therapeutic effect:  
2 Alkyrol® capsules of 250 mg, 1 Alkyrol® capsule of 500 mg, 3 times daily.

The gelcaps are to be taken with sufficient liquid at meal time.

**AVAILABILITY** 120 soft gelcaps of 250 mg, 120 soft gelcaps of 500 mg.  
Packed in blisters for convenience and product protection.

**BIOLOGICAL EFFECTS** Alkylglycerols have been extensively researched and documented for their:

- Enhancement of the production of white blood cells, red blood cells and platelets in the radiation treatment of carcinoma of cervix uteri
- Macrophage activating effect
- Inhibitory effect of PAF (platelet activating factor)- induced inflammatory responses, which play a crucial role in conditions such as colds, asthma and psoriasis
- Immuno-stimulating properties, effecting both the cell-bound and the tissue-bound immunity
- Promotion of the growth of beneficial lactobacillus lacti
- Bacteriostatic effect on various species of bacteria and inhibitory effect on fungi
- Tumor-inhibiting activity

- COMMON USE**
- Prevention and treatment of conditions such as the common cold and flu
  - Prevention or reduction of damage to healthy cells and organs from radiation therapy
  - Prevention or reduction of side effects (drop of leucocytes and thrombocytes) of chemotherapy treatment
  - Stimulation of immunological response
  - Improvement of slow healing wounds



**PRODUCT HISTORY** Shark liver oil has been used for centuries in the Scandinavian countries, particularly by fishermen, who used it as a remedy for slow healing wounds and against irritation of the respiratory organs. In the 19th century the use of shark liver oil almost died out, surviving only in a few fishing communities. It was to take more than a century before the use of the shark liver oil was revived, following the publications of scientific documentation regarding its beneficial effects.

In 1952, a young Swedish doctor, Astrid Brohult, M.D., discovered that the marrow from fresh calf bones given to children with leukemia stimulated their white cell production. It was later shown that the stimulating factor was a group of substances known as Alkylglycerols, that had first been identified by two Japanese researchers in 1922 - in liver oil from sharks.

The distribution of Alkylglycerols in nature has since been found to be widespread. They occur in the lipids of various animal organs, for example in bone marrow fat, in the fat of the spleen and the liver, in erythrocytes and in milk (ten times more in human mother's milk than in cow's milk). The highest source of Alkylglycerols was found to be in the liver of the Greenland shark, *Somniosus microcephalus*.

The healing effects of Alkylglycerols on the tissues of the body have been confirmed over the last 40 years by extensive clinical and laboratory research, mainly conducted by Swedish physicians and scientists. Besides the above-mentioned biological effects of the Alkylglycerols, it has been shown that patients with cancer of the uterine cervix, who were treated with Alkylglycerols before and during irradiation treatment, had 9% higher survival rate after five years, as compared to the control group.

**Alkyrol®** continues the old tradition of using shark liver oil as a remedy and a preventative both for everyday ailments as well as for serious conditions. Scientific studies are ongoing both in Europe and in the United States to further explore the biological and medical effects of the Alkylglycerols.

**STORAGE** Store at or below 20° C in sealed containers in a dry place.

**REFERENCES** See separate list

**DISCLAIMER:** *The information presented is intended for educational purposes for health professionals and practitioners. It is obtained from published research and books. It is not intended to be prescriptive, nor replace the care of a licensed health professional in the diagnosis and treatment of illness.*

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