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## PRODUCT INFORMATION

Product number: 7925000

### ***Specol immunogenic adjuvant, 20 ml***

#### **Vial Content**

Each vial contains 20 ml specol immunogenic adjuvant

#### **Description**

Specol is a water in oil adjuvant composed of defined and purified light mineral oil (Stills. 2005). It has been suggested as an alternative to Freund's adjuvant for hyperactivation of the immune response in rabbits (Leenaars et al. 1994). Specol can be used for antigens of low immunogenicity and can be administered equally effectively by the subcutaneous or intraperitoneal routes. The histological lesions produced are fewer than those produced by using Complete Freund's adjuvant. However, pain and distress following administration of these 2 adjuvants seem to be similar (based on limited data).

#### **Guideline for use**

Mix 4 parts of the water phase containing the antigen with 5 parts of Specol (v/v) by adding the water phase very slowly to the oil phase (Specol) during vigorous mixing. Prevent the introduction of air as much as possible. Use clean sterile glassware free of detergents and sterile pipette tips.

#### **Germ count < 100 cfu/ml**

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#### **Precautions and disclaimer**

These materials are provided by WBVR to the recipient and accepted by the recipient from WBVR as is without any warranties of any kind, express or implied. Use, safe use, handling and/or disposal of these materials shall at all times remain the sole responsibility of the recipient.

For veterinary use only.

#### **Storage**

Store at  $5 \pm 3$  °C (Do not freeze!)

The vial does not contain any preservatives.

#### **References**

Leenaars, P. P.; Hendriksen, C. F.; Angulo, A. F.; Koedam, M. A.; Claassen, E. (1994). "Evaluation of several adjuvants as alternatives to the use of Freund's adjuvant in rabbits". *Veterinary immunology and immunopathology*. 40 (3): 225–241. doi:10.1016/0165-2427(94)90022-1. PMID 8160361.

Stills Jr, H. F. (2005). "Adjuvants and antibody production: Dispelling the myths associated with Freund's complete and other adjuvants". *ILAR journal / National Research Council, Institute of Laboratory Animal Resources*. 46 (3): 280–293. PMID 15953835.

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