

009707

# MATERIAL SAFETY DATA SHEET

REGANO® 500

## I. Identification of the Preparation and the Company

Product Name            Regano® 500  
Product Number        M9010  
Manufacturer & Supplier    Ralco Nutrition, Inc.  
   P.O. Box 1083  
   Marshall, MN 56258  
   1-800-533-5306

## II. Composition / Ingredient(s) Information

Composition            The main ingredient in Regano® 500 is essential oil from pure, natural, steam distilled origanum vulgare ssp. hirtum. This ingredient is blended with feed grade inert and completely non-hazardous carrier for the final product.  
Description            Regano® 500 Powder is a gray-brown powder of granular appearance with a strong smell of etheric oils.  
Storage                 Store in a sealed container in dry, cool surroundings. Protect from direct sunlight.  
Physical Appearance    Powder: A gray-brown powder of granular appearance.

## III. Health Hazard Information

Note: Any hazardous properties in this product would be derived from the essential oil of origanum vulgare ssp. hirtum (Origanum heracleoticum) in its pure form. All Regano® products are 5.5% or less blend of this ingredient; however it is possible to experience hazards associated with the pure essential oil. The following precautions pertain to the essential oil of origanum vulgare ssp. hirtum:

Primary Routes of Exposure:

- Skin Contact: Yes.
- Inhalation: Yes.
- Eye Contact: Yes.
- Skin Absorption: Possibly.
- Ingestion: Yes.
- Carcinogenicity: No

Medical Conditions Aggravated by Overexposure: None Known.

Effects of Overexposure: May be irritating to skin and eyes.

Eye Contact Effects: Irritating to eyes. Dust or fumes may cause physical irritation to eyes.

Skin Contact Effects: Irritating to skin. May stain skin and leave a distinctive odor. Wear protective gloves, and wash hands after use.

Inhalation Effects: Irritating if inhaled. If working in dusty conditions, wear a protective mask (non toxic grade).

Ingestion Effects: Harmful if swallowed in undiluted form.

Emergency and First Aid Procedures:

Eye Contact: Flush immediately with copious amounts of clean water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Contact a physician immediately.

Skin Contact: Remove any contaminated clothing or shoes. Wash affected areas immediately with copious amounts of clean water for at least 15 minutes. Contact a physician as necessary.

Inhalation: Remove from the exposure to fresh air. If breathing becomes difficult, contact a physician immediately.

Ingestion: Wash out mouth with water and give 200 ml of milk or water to dilute. Contact a physician as necessary.

#### **IV. Physical Stability and Reactivity Information**

Flammability: Not flammable; may burn at high temperatures.

Chemically Stable: Yes

Conditions to Avoid: This product presents no significant reactivity hazard. It is stable and will not react violently with water. Hazardous polymerization will not occur. Keep away from heat and open flame. Avoid contact or contamination with strong acids, alkalis, or oxidizing agents.

#### **V. Handling and Storage Information**

Proper Storage: Store in a cool, dry place, out of direct sunlight. Close container securely.

Other Precautions:

- Good manufacturing practices / usage practices dictate that an eyewash fountain and/or safety shower should be available in the work area.
- Use of chemical resistant gloves is recommended.
- Use of safety goggles or face shield is recommended.
- Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Do not eat, drink, or smoke during work. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

#### **VI. Additional Information**

The information in this MSDS is believed to be correct, but does not purport to be all-inclusive and shall be used only as a guide. This information is provided without any representation or warranty, expressed or implied, regarding the accuracy or correctness. The conditions or methods of handling, storage, use, and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use, or disposal of the product.