



## **Supplemental Information on Benefect Disinfectant- Allergies & Safety**

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### **Allergies or Skin Sensitivity**

Since the first sale of Benefect™ in 1997, there have been *no* confirmed cases of allergic reaction or skin sensitization. The Benefect chemistry has also been sold as hand sanitizers for years & by the prosthetics industry for applications in direct contact with skin.

Our formulation is pharmaceutical grade pure, free of contaminants & does not include any synthetic ingredients. These factors are by far the most common causes of skin irritations and allergic reactions.

### **Inhalation**

Benefect is an extremely dilute solution of Thyme Oil at 0.08-0.4%, consisting of selected essential oils that are commonly used *internally* for therapeutic purposes at 100% concentration by health care providers. These essential oils are all recognized as food grade by the FDA, EPA, Health Canada, Natural Health Products, EU's Biopesticides Division & other government agencies. Benefect formulas have also been registered by the EPA for use in air duct systems, based on a safe history of use, a lack of systemic toxicity & negligible adverse effects.

### **Pregnancy**

The essential oils used in Benefect are all considered therapeutic, for use during pregnancy.

### **Stress**

All of the essential oils used in Benefect are commonly used in aromatherapy for health benefit and stress related conditions.

### **Toxicity**

Benefect has been proven to be four (4) times less toxic than white vinegar. Benefect's lethal dose proved to be *greater than* 14g/kg of body weight, while white vinegar has a toxicity level of 3g/kg of body weight.

Source: Essential Oil Safety, A Guide for Health Care Professionals; Tisserand & Balacs, Churchill Livingstone Publishers 1996