

**MATERIAL SAFETY DATA SHEET**  
**ACCORDING TO EC LEGISLATION 91/155/E EC**

Date created: June 1998

Date revised: June 2005

**1. Identification:**

Commercial name: *Chamomile English*

Botanical Nomenclature:

INCI name: *Anthemis nobilis*

CAS number: 84649 – 98 - 9

EINECS/ELINCS number: 283 – 479 - 0

**2. Composition:**

Main components:

Additives (e.g. carriers, preservatives, antioxidants):

**3. Potential Health Hazards:**

Inhalation: *None identified.*

Skin: *Concentrated liquid and vapours irritating to skin by prolonged exposure.*

Eyes: *Irritating to eyes with possible damage.*

Ingestion: *Harmful if swallowed.*

**4. First aid:**

Inhalation: *If discomfort is felt, remove person to a well ventilated area with plenty of fresh air.*

Skin: *Remove contaminated clothing. Wash affected area with plenty of soap and water.*

Eyes: *Flush immediately with plenty of cool water for 10 to 20 minutes. Seek medical advice from a Medical Doctor.*

Ingestion: *Seek immediate medical care.*

**5. In case of fire:**

Extinguishing Media: *Foam, Carbon dioxide.*

Do not use: *Water.*

Special precautions: *Wear breathing apparatus as toxic vapours may be released during fire.*

**6. Spill and Leak Procedure:**

Individual precautions: *Eliminate sources of ignition. Keep area well ventilated and isolate the spill.*

Environmental protection: *Prevent the liquid from entering the drains and sewers.*

Cleaning methods: *Soak up the spill using inert absorbents. For large spills use pumps.*

**7. Handling and storage:**

*Store in a cool, dry and dark place in suitable containers (aluminium cans or lacquer lined steel drums).*

*Handle in a well ventilated area.*

*Keep away from sources of heat and ignition.*

**8. Personal Protection / Exposure control:**

Respiratory protection: *Wear breathing apparatus when working in an area of high vapour concentration.*

Skin protection: *Use protective gloves. Wear protective clothing when possibility exists of contact.*

Eye protection: *Goggles should be worn.*

General precautions: *Use good industrial hygiene practise.*

### **9. Physiochemical properties:**

Appearance:

Odour:

pH: *Neutral*

Boiling point:

Flash point:

Autoignition Temperature:

Explosion Limits: *Not available*

Vapour pressure (25°C): *Not available*

Vapour Density: *>1 (air=1)*

Specific Gravity (20°C):

Optical Rotation (20°C):

Refractive Index (20°C):

Solubility in water (20°): *Negligible*

Partition Coefficient log P o/w: *Not available*

Evaporation rate: *<1 (Butyl Acetate=1)*

### **10. Stability and Reactivity:**

Chemical Stability: *Stable.*

Conditions to avoid: *Normally stable. Not reactive with water.*

Hazardous Decomposition Products: *Not available.*

### **11. Sensitisers:**

Garaniol 0.7%, Citronellol 0.7, Limonene 5%, Linalool 0.8%, total 7.2%

### **12. Toxicological Information:**

According to RIFM- Monograph:

Acute Toxicity: *Oral LD<sub>50</sub>: g/kg*

*Dermal LD<sub>50</sub>: g/kg*

Irritation:

Sensitisation:

Phototoxicity:

### **13. Ecotoxicological information:**

Fish Toxicity: LCO/EC<sub>50</sub>: *Not available.*

Bacteriotocity: ECO/EC<sub>50</sub>: *Not available.*

### **14. Disposal Method:**

*Check Federal, State and Local Regulations.*

### **15. Transport Information:**

*Non-hazardous material transport in suitable containers.*

### **16. Legislation:**

*Meets IFRA and RIFM guidelines.*

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FOR AND ON BEHALF OF PHOENIX NATURAL PRODUCTS:

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DATE:.....