

# **SAFETY DATA SHEET**

## PRODUCT

PRODUCT NAME: **Cinnatube**

## **1. PRODUCT IDENTIFICATION**

Name & Address of Supplier:

Zelpharma Ltd  
Centurion House,  
129 Deansgate,  
Manchester M3 3WR  
UK

Tel 01302 238006  
sales@cinnatube.com

Intended Use: **Intramammary application – For animal use only.**

## **2. COMPOSITION**

<b>Composition</b>
Olive Oil
Melaleuca Alternifolia (Tea Tree) Leaf Oil (CAS 68647-73-4)
Beeswax (CAS 8012-89-3)
Calendula Officinalis Flower Extract (CAS 977001-93-6)
Cinnamomum SPP. (Cinnamon) Leaf Oil (CAS 8015-96-1)
Eucalyptus Globulus Leaf Oil (CAS 8000-48-4)

This product consists of essential oils in a wax carrier

## **POISONS SCHEDULE**

None

## **RISK**

No phrases

## **SAFETY**

No phrases

## **3. HAZARDS IDENTIFICATION**

Eyes: unlikely to cause irritation

Skin: unlikely to cause irritation

Inhalation: unlikely to cause irritation

Ingestion: Ingestion may cause nausea, vomiting

Hazardous Material Identification System (HMIS) Ratings

Health: 0 – minimal hazard

Flammability 0 – minimal hazard

Reactivity 0 – minimal hazard

Other hazards:

Hazard Flag No

#### **4. FIRST AID**

##### **SKIN**

Concentrate and diluted solution is readily removed with water.  
Abraded or broken skin should be washed carefully and thoroughly.  
Seek medical attention in event of irritation.

##### **EYE**

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

##### **INHALED**

If fumes or combustion products are inhaled remove from contaminated area.  
Other measures are usually unnecessary.

##### **NOTES TO PHYSICIAN**

Treat symptomatically.  
Show this MSDS.

#### **5. FIRE FIGHTING MEASURES**

##### **EXTINGUISHING MEDIA**

There is no restriction on the type of extinguisher which may be used.  
**FOG CO<sub>2</sub>** yes **FOAM** yes **DRY CHEMICAL** yes

##### **FIRE FIGHTING**

Alert Fire Brigade and tell them location and nature of hazard.  
Wear breathing apparatus plus protective gloves for fire only.  
Prevent, by any means available, spillage from entering drains or water courses.  
Use fire fighting procedures suitable for surrounding area.  
DO NOT approach containers suspected to be hot.  
Cool fire exposed containers with water spray from a protected location.  
If safe to do so, remove containers from path of fire.  
Equipment should be thoroughly decontaminated after use.

##### **FIRE/EXPLOSION HAZARD**

Non combustible.  
Not considered to be a significant fire risk.  
Expansion or decomposition on heating may lead to violent rupture of containers.  
Decomposes on heating and may produce toxic fumes of carbon monoxide (CO).  
May emit acrid smoke.  
Other decomposition products include carbon dioxide (CO<sub>2</sub>) and carbon monoxide (CO)

##### **FIRE INCOMPATIBILITY**

None known

##### **HAZCHEM**

None

##### **PERSONAL PROTECTION EQUIPMENT**

Gloves, boots (chemical resistant)

#### **6. ACCIDENTAL RELEASE MEASURES**

## **MINOR SPILLS**

Clean up all spills immediately.

Slippery when spilt.

Wipe up.

Place in clean drum then flush area with water and detergent.

## **MAJOR SPILLS**

Slippery when spilt.

Minor hazard.

Clear area of personnel.

Alert Fire Brigade and tell them location and nature of hazard.

Control personal contact by using protective equipment as required.

Prevent spillage from entering drains or water ways.

Contain spill with sand, earth or vermiculite.

Collect recoverable product into labelled containers for recycling.

Absorb remaining product with sand, earth or vermiculite and place in appropriate containers for disposal.

Wash area and prevent runoff into drains or waterways.

If contamination of drains or waterways occurs, advise emergency services.

## **7. HANDLING AND STORAGE**

Limit all unnecessary personal contact.

Wear protective clothing when risk of exposure occurs.

Use in a well-ventilated area.

When handling DO NOT eat, drink or smoke.

Always wash hands with soap and water after handling.

Avoid physical damage to containers.

Use good occupational work practice.

Observe manufacturer's storing and handling recommendations.

## **8. EXPOSURE AND PERSONAL PROTECTION**

### **STORAGE INCOMPATIBILITY**

None known

### **STORAGE REQUIREMENTS**

Store below 25 degrees.

Store in original containers.

Keep containers securely sealed.

Store in a cool, dry, well ventilated area.

DO NOT allow to freeze.

Store away from incompatible materials.

Protect containers against physical damage and check regularly for leaks.

Observe manufacturer's storing and handling recommendations.

Exposure limits are listed below, if they exist.

Not available. Refer to individual constituents.

### **ENGINEERING CONTROLS**

None under normal operating conditions.

Provide adequate ventilation in warehouse or closed storage areas.

### **APPEARANCE**

A lightly straw coloured, uniform oily liquid, free of foreign matter, with fragrance to match a standard; totally immiscible with water.

## **9. CHEMICAL AND PHYSICAL PROPERTIES**

Appearance	blend of essential oils in a Beeswax/Olive Oil carrier
Odour	pleasant smell
Specific Gravity:	0.995-0.998 (Water = 1)
Stable at normal storage and handling temperature	
Boiling point/Boiling range (°C)	not given
Melting point (°C)	not given
Flash Point (°C)	>400 °F
pH	N/A
Explosive properties	not explosive
Oxidising properties	none
Water reactivity	immiscible in water with no exothermic reaction
Solubility: water solubility	soluble @ 0°C
: oil solubility	insoluble
Partition coefficient	
: n-octanol/water	data not available
Viscosity	data not available
Vapour density	data not available
Vapour pressure	data not available
Evapouration rate	data not available

## **10. STABILITY AND REACTIVITY**

### **CONDITIONS CONTRIBUTING TO INSTABILITY**

Product is considered stable and hazardous polymerisation will not occur.

## **11. TOXICOLOGICAL INFORMATION**

This product has been fully assessed according to the Regulation of the European Parliament and of the Council on cosmetic products (recast) 2008/0035 (COD) dated 10 November 2009 (finally as 1223/2009 on 30 November 2009) which replaces all other regulations. All ingredients had a margin of safety in excess of the minimum requirement of 100 with the lowest value over 200 (spearmint oil).

### **POTENTIAL HEALTH EFFECTS**

#### **ACUTE HEALTH EFFECTS**

##### **SWALLOWED**

Ingestion may result in nausea, abdominal irritation, pain and vomiting

##### **EYE**

The liquid may produce eye discomfort causing smarting, pain and redness.

##### **SKIN**

Excessive use or prolonged contact may lead to excessive oiliness and slippery skin, in rare cases may cause unexpected irritation of sensitive skin. Not considered an irritant through normal use.

##### **INHALED**

Not normally a hazard due to non-volatile nature of product.

## **CHRONIC HEALTH EFFECTS**

Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by EC Directives using animal models); nevertheless exposure by all routes should be minimised as a matter of course.

## **TOXICITY FIGURE**

The estimated LD<sub>50</sub> (oral) value would be >5,000mg/kg

The estimated LD<sub>50</sub> (dermal) value would be >2,000mg/kg

Based on similar formulations seen by the assessor.

## **12. ECOLOGICAL INFORMATION**

Dangerous ingredient: The total concentration of any ingredient classified as 'N Dangerous for the Environment' is below the level for classification of the product, thus damage to the environment is unlikely.

Mobility:

Degradability:

Accumulation:

Effects:

## **13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with local environment laws and regulations. Bulk spills and waste product should be placed in secure containers and labelled clearly. Local regulatory authorities should be consulted about the most appropriate form of waste disposal. The Body Shop International must receive documentation confirming the final site and method of disposal in accordance with local and UK law. Rinsings from containers may be disposed to drains served by a sanitary sewer provided that this is permitted by local regulatory authorities.

## **14. TRANSPORT INFORMATION**

Shipping Name: None

Dangerous Goods Class: None

UN/NA Number: None

ADR Number: None

Packing Group: None

Labels Required:

Additional Shipping Information:

International Transport Regulations:

IMO: None

## **HAZCHEM**

None

## **15. REGULATORY INFORMATION**

### **POISONS SCHEDULE**

None

### **REGULATIONS**

### **HAZARD CLASSIFICATION**

None

## **HEALTH AND SAFETY PHRASES**

None

This MSDS is provided for guidance during the storage and distribution of the product. It is not appropriate for retail of packed product as the product is sold as a cosmetic and is therefore exempt from the CHIP Regulations.

## **16. OTHER INFORMATION**

This MSDS meets the requirement of the Safety Data Sheets Directive (91/155/EEC, as amended by Directives 93/112/EC and 2001/58/EC).

MSDS issued: **24 APRIL 2020**

Prepared by Dr. Howard Marginson, Zelpharma Ltd

This information is based on our current level of knowledge and related to product in the state in which it is delivered. They are intended to describe our product from the point of view of safety requirements and are not intended to guarantee any particular in term of loss/damage expenses that may arise from its use singularly or for other different applications.