

# Material Safety Data Sheet

## LINDEN BLOSSOM ABSOLUTE

**Date:** April 2014

### 1. Product and Supplier Description

**Trade Name:** Linden Blossom Absolute

**INCI Name:** Tilia cordata flower extract

**Supplier:**

*Phytos natur cz s.r.o.*

*Okrouhelská 258, 252 45 Březová-Oleško*

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### 2. Hazards Identification

Concentrated product – can cause sensitisation with skin contact, can irritate eyes and skin.

### 3. Composition and Ingredient Information

**Description:** An extract obtained from the flowers of *Tilia cordata*. Used in high grade perfumery and aromatherapy skincare.

Hydroxycitronellol approximately 52%, Phenyletylalkohol approximately 18% Geranylacetate approximately 3% m fl.

Xi: Irritant

R 43 Can cause sensitisation with skin contact

According to EU Directive 26 allergens must be declared in the final product where there is more than 0.001% (10ppm) in products left on the skin and 0.01% (100ppm) in rinse-off products. Of the 26 allergens the following components are present in Linden blossom Absolute:

- Farnesol, CAS number 4602-84-0 up to 13%
- Geraniol CAS number 106-24-1 up to 3%
- Linalol CAS number 78-70-6 up to 3%
- Eugenol CAS number 97-53-0 up to 2%

- Limonen CAS number 5989-27-5 up to 0.1%

## 4. First Aid Measures

**Inhalation:** Remove to fresh air.

**Skin Contact:** Remove contaminated clothing, wash thoroughly with soap and water. If irritation is present, anoint with vegetable oil and if it persists, seek medical attention.

**Ingestion:** Rinse mouth with water several times then spit out. If larger quantities are swallowed contact a doctor, hospital or poison information centre. For the ingestion of small amounts drink lots of water.

**Eyes:** Rinse immediately with water. Contact doctor if symptoms persist. Eye contact can cause pain and redness.

## 5. Fire Fighting Measures

**Extinguishing Media:** CO<sub>2</sub>, dry chemical, or foam – do not use water jet directly on burning material.

- Containers close to the fire should be removed or cooled with water.
- Avoid inhalation, use breathing apparatus to protect from fumes.

## 6. Measures in case of accidental release

**Personal Protection:** Avoid contact with skin and eyes. Use in well-ventilated area.

**Environmental Protection:** Dispose of in accordance with local regulations.

**Methods of Cleaning/Disposal:** Absorb the material on an inert material such as earth, sand or other absorbent material. For small spills wash area with water and wipe up.

## 7. Handling and Storage

**Handling:** Wear gloves and goggles. Observe good personal hygiene. Do not eat, smoke or drink whilst handling the product.

**Storage:** Store in full, tightly sealed original containers in a cool, dry, well-ventilated place. Protect from light and heat.

Observe Good Manufacturing Practices.

## 8. Exposure Controls/Personal Protection

**Exposure Controls:**

- Work with large quantities only in a well-ventilated place.
- General industrial hygiene recommended.
- Do not eat, drink or smoke whilst handling the product.
- Eye rinsing facility should be on the premises
- Use goggles and gloves and protective clothing and footwear

## 9. Physical and Chemical Properties

**Physical State:** Yellow to green thick liquid with characteristic odour.

**Flash Point:** 93 °C

**Solubility:** Insoluble in water, soluble in ethanol.

## 10. Stability and Reactivity

**Conditions to be avoided:** Light, heat, moisture and air.

**Materials to be avoided:** oxidising and reducing agents CO<sub>2</sub> and other non identifiable organic compounds can be formed from smoke.

## 11. Toxicological Information

- Concentrated product, can lead to skin irritation with repeated or prolonged use.
- Eye contact can cause pain and redness.
- Can cause sensitisation with skin contact.

## 12. Ecological Information

- Product is completely biodegradable.
- Ecotoxicological data is missing. Available information suggests that the product does have environmentally hazardous properties.
- Avoid release into soil and water.

## 13. Disposal Considerations

Disposal should be in accordance with current international, national and local regulations. Small quantities can be disposed of with normal household waste.

## 14. Transport Information

No restrictions.

## 15. Regulatory Information

Xi: Irritant

R43: Can cause sensitisation with skin contact

S2: Keep out of reach of children

S24/25: Avoid contact with skin and eyes

S37: Use suitable gloves

## 16. Other Information

For cosmetic and hygiene products.

The information contained herein is accurate to the best of our knowledge at the time and on the date shown from a variety of sources. No liability can be accepted arising out of the use, application or processing of this product. It is the users' responsibility to determine the safe conditions for use of this product.

