



Abel Herb Products Co., Ltd.

88/42 Casa Grand Sukhapiban 5, Sai Mai Rd., Sai Mai, Sai Mai, Bangkok 10220, Thailand

Tel: +662-101-9080 E-mail: cs@abelherb.com Website: www.abelherb.com

## Material Safety Data Sheet (MSDS)

### Butea Superba Liquid Extract (Top Grade)



Health	2
Fire	1
Reactivity	0
Personal Protection	E

#### Section 1: Identification

Product Name	: Butea Superba Liquid Extract (Top Grade)
Product Code	: BSL
RETCS	: N/A
TSCA	: TSCA 8 (b) inventory: No products were found.
Synonym	: Butea Superba Root Extract
Recommended Use	: For manufacturing purpose (cosmetic production or mixing with other ingredients)
Restrictions of Use	: None
Contact Information	: Abel Herb Products Co., Ltd. 88/42 Casa Grand Sukhapiban 5, Sai Mai Rd., Sai Mai, Sai Mai, Bangkok 10220, Thailand
Tel	: +662-101-9080
E-mail	: cs@abelherb.com
Website	: www.abelherb.com

#### Section 2: Ingredients Information

##### Composition

Name	% by Weight	CAS Number	CI	Chemical Name	Chemical Formula
Butea Superba Liquid Extract	50	N/A	N/A	N/A	N/A
Propylene glycol	50	57-55-6	N/A	N/A	N/A

Toxicological Data on Ingredients: Not Applicable.

#### Section 3: Hazards Identification

<b>Eye Contact:</b>	Slight irritation to eyes.
<b>Skin Contact:</b>	Non-corrosive for skin.
<b>Inhalation:</b>	Slight irritation to respiratory system.
<b>Ingestion:</b>	Non-hazardous in case of ingestion.
<b>Potential Chronic Health Effects:</b>	Carcinogenic Effects: Not available.
	Mutagenic Effects: Not available.
	Teratogenic Effects: Not available.
	Developmental Toxicity: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.



Abel Herb Products Co., Ltd.

88/42 Casa Grand Sukhapiban 5, Sai Mai Rd., Sai Mai, Sai Mai, Bangkok 10220, Thailand

Tel: +662-101-9080 E-mail: cs@abelherb.com Website: www.abelherb.com

#### Section 4: First Aid Procedures

<b>Eye Contact:</b>	Immediately rinse eyes with plenty of water for at least 15 minutes. Cold water may be used. Seek medical advice if irritation occurs.
<b>Skin Contact:</b>	Remove contaminated clothing. Wash with soap and water. Cover the irritated skin with an emollient. Cold water may be used. Get medical attention if irritation develops.
<b>Serious Skin Contact:</b>	Not available.
<b>Inhalation:</b>	Move to fresh air and seek medical help for any breathing difficulty.
<b>Serious Inhalation:</b>	Not available.
<b>Ingestion:</b>	Wash out mouth and drink water if conscious. Do not induce vomiting. Never give anything by mouth to an unconscious person. If irritation persists, call a physician immediately.
<b>Serious Ingestion:</b>	Not available.

When in doubt, or if symptoms are observed, seek medical advice immediately.

#### Section 5: Fire Fighting Measures

<b>Fire and Explosion Hazards:</b>	Not considered to be a fire and explosion hazard. But may be combustible at high temperature.
<b>Auto-Ignition Temperature:</b>	Not available.
<b>Flash Points:</b>	Closed Cup: Higher than 93.3°C (200°F).
<b>Flammable Limits:</b>	Not available.
<b>Products of Combustion:</b>	Not available.
<b>Fire Hazards in Presence of Various Substances:</b>	Slightly flammable to flammable in presence of heat.
<b>Explosion Hazards in Presence of Various Substances:</b>	Not available.
<b>Extinguishing Media:</b>	Dry chemical powder, water spray, fog or foam. Do not use water jet.
<b>Fire Fighting Instructions:</b>	Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode. Use personal protective equipment. Equipment should be thoroughly decontaminated after use. Move container from fire area if it can be done without risk. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low area.
<b>Special Remarks on Fire and Explosion Hazards:</b>	Not available.



Abel Herb Products Co., Ltd.

88/42 Casa Grand Sukhapiban 5, Sai Mai Rd., Sai Mai, Sai Mai, Bangkok 10220, Thailand

Tel: +662-101-9080 E-mail: cs@abelherb.com Website: www.abelherb.com

### Section 6: Accidental Release Measures

<b>Personal Precautions:</b>	Avoid contact with eyes and inhaling.
<b>Environmental Precautions:</b>	None.
<b>Small Spill Cleanup:</b>	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
<b>Large Spill Cleanup:</b>	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

### Section 7: Handling and Storage

<b>Safe Handling Advice:</b>	Avoid creating dust. Keep away from heat and sources of ignition. Empty containers pose a fire risk; evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Keep away from incompatibles such as oxidizing agents.
<b>Recommended Storage:</b>	Keep container tightly closed in a cool, well-ventilated area. Protect from humidity and light. Do not store above 23°C (73.4°F).

### Section 8: Exposure Controls

<b>Engineering Controls:</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
<b>Personal Protection:</b>	Use safety glasses, lab coat, chemical resistant gloves, and dust respirator. Be sure to use an approved/certified respirator or equivalent. Protective creams may be used for exposed skin. Wash thoroughly after handling.
<b>Personal Protection in Case of a Large Spill:</b>	Use splash goggles, full suit, dust respirator, boots, and chemical resistant gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.
<b>Exposure Limits:</b>	Not available.

### Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid (Oily liquid).
<b>Odor:</b>	Neutral, Bland.
<b>Taste:</b>	Traditional herb.
<b>Color:</b>	Pale-brown.
<b>Molecular Weight:</b>	Not available.



Abel Herb Products Co., Ltd.

88/42 Casa Grand Sukhapiban 5, Sai Mai Rd., Sai Mai, Sai Mai, Bangkok 10220, Thailand

Tel: +662-101-9080 E-mail: cs@abelherb.com Website: www.abelherb.com

<b>pH:</b>	Not available.
<b>Boiling Point:</b>	188°C (370.4°F).
<b>Melting Point:</b>	-59°C (-74.2°F).
<b>Critical Temperature:</b>	Not available.
<b>Specific Gravity:</b>	1.04
<b>Vapor Pressure:</b>	0 kPa (@ 20°C) 0.08 mmHg at 20 C 0.129 mmHg at 25 C
<b>Vapor Density:</b>	2.62 (Air = 1).
<b>Volatility:</b>	Not available.
<b>Odor Threshold:</b>	Not available.
<b>Water/Oil Dist. Coeff.:</b>	The product is more soluble in water; log (oil/water) = -0.9
<b>Ionicity (in Water):</b>	Not available.
<b>Dispersion Properties:</b>	See solubility in water, acetone.
<b>Solubility:</b>	Soluble in cold water, hot water, acetone.

#### Section 10: Stability and Reactivity

<b>Stability:</b>	The product is stable under conditions mentioned in section 7.
<b>Instability Temperature:</b>	Not available.
<b>Conditions of Instability:</b>	Excessive heat, incompatible materials, exposure to moist air or water.
<b>Incompatibility with Various Substances:</b>	Reactive with oxidizing agents, reducing agents, acids, alkalis.
<b>Corrosivity:</b>	Non-corrosive in presence of glass.
<b>Special Remarks on Reactivity:</b>	Hygroscopic; keep container tightly closed. Incompatible with chloroformates, strong acids (nitric acid, hydrofluoric acid), caustics, aliphatic amines, isocyanates, strong oxidizers, acid anhydrides, silver nitrate, reducing agents.
<b>Special Remarks on Corrosivity:</b>	Not available.
<b>Hazardous Polymerization:</b>	Product will not undergo hazardous polymerization.

#### Section 11: Toxicological Information

<b>Routes of Entry:</b>	Absorbed through skin, Eye contact, Inhalation, and Ingestion.
<b>Toxicity to Animals:</b>	Not available.
<b>Chronic Effects on Humans:</b>	Not available.
<b>Other Toxic Effects on Humans:</b>	Slightly hazardous in case of skin contact (irritant), of ingestion, of inhalation.
<b>Acute Potential Health Effects:</b>	Eyes: Dust may cause eye irritation.



Abel Herb Products Co., Ltd.

88/42 Casa Grand Sukhapiban 5, Sai Mai Rd., Sai Mai, Sai Mai, Bangkok 10220, Thailand

Tel: +662-101-9080 E-mail: cs@abelherb.com Website: www.abelherb.com

	Inhalation: Dust may cause respiratory tract irritation.
	Ingestion: May cause digestive tract irritation.
<b>Chronic Potential Health Effects:</b>	No information found.
<b>Sensitization:</b>	Non-Primary Sensitizers.
<b>Carcinogenicity:</b>	No known effects
<b>Mutagenicity:</b>	No known effects
<b>Reproductive toxicity:</b>	No known effects
<b>Neurotoxicity:</b>	No known effects

### Section 12: Ecological Information

<b>Ecotoxicity:</b>	Not available.
<b>BOD5 and COD:</b>	Not available.
<b>Products of Biodegradation:</b>	Possibly hazardous short-term degradation products are not likely. However, long term degradation products may arise.
<b>Toxicity of the Products of Biodegradation:</b>	Not available.
<b>Special Remarks on the Products of Biodegradation:</b>	Not available.
<b>Air Pollution:</b>	Observe local/national regulations.
<b>Mobility:</b>	Not available.
<b>Persistence and Degradability:</b>	Not available.

The toxicological properties of this substance have not been fully investigated.

### Section 13: Disposal Considerations

<b>Waste Disposal:</b>	Disposal shall be in accordance with local & national regulations. Can be disposed of with domestic refuse in accordance with the necessary technical regulations following consultation with waste disposal experts and the responsible authorities. Avoid disposing into drainage systems.
------------------------	--

### Section 14: Transport Information

<b>Transport Classification:</b>	Not classified as dangerous for any mode of transport.
<b>Land Transport (ADR/RID):</b>	Not a dangerous good.
<b>Inland Water Ways Transport (AND):</b>	Not a dangerous good.
<b>Sea Transport (IMDG):</b>	Not a dangerous good.
<b>Air Transport (ICAO-TP/ IATA-DGR):</b>	Not a dangerous good.
<b>DOT Classification:</b>	Not a DOT controlled material (United States).



Abel Herb Products Co., Ltd.

88/42 Casa Grand Sukhapiban 5, Sai Mai Rd., Sai Mai, Sai Mai, Bangkok 10220, Thailand

Tel: +662-101-9080 E-mail: cs@abelherb.com Website: www.abelherb.com

<b>Identification:</b>	Not applicable.
<b>Special Provisions for Transport:</b>	Not applicable.

**Section 15: Regulatory Information**

<b>Federal and State Regulations:</b>	Not available.
<b>Other Regulations:</b>	Not available.
<b>Other Classifications:</b>	Not available.
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada).
<b>DSCL (EEC):</b>	This product is not classified according to the EU regulations.
<b>HMIS (U.S.A.):</b>	Health Hazard: 2 Fire Hazard: 1 Reactivity: 0 Personal Protection: E
<b>National Fire Protection Association (U.S.A.):</b>	Health: 2 Flammability: 1 Reactivity: 0
<b>Specific Hazard:</b>	Protective Equipment: Safety glasses, gloves, lab coat, and dust respirator. Be sure to use an approved/certified respirator or equivalent.

**Section 16: Other Information**

Other Special Considerations: Not available.  
 Prohibited Uses: For specific uses, ask the manufacturer for more information.

The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.