

## Material Safety Data Sheet QUEBRACHO EXTRACT

### Section 1 - Product Identification

Product Name : Quebracho Extract  
Chemical Formula : C<sub>6</sub>H<sub>12</sub>O<sub>3</sub>  
Company Identification : Tradeasia International Pte. Limited  
Email : contact@chemtradeasia.com

### Section 2 – Composition/Information on Ingredients

Composition:

Chemical Name	EC No/CAS No	Purity, %
Quebracho Extract, Bisulphited	309-213-6/100085-70-9	Schinopsis lorentzii, ext, bisulfited 91%, Moisture 9%

### Section 3 – Hazards Identification

#### 3.1 Classification

Doesn't require classification for hazard

#### 3.2 Label elements

**Signal Word** Warning

#### Precautionary Statements

Wash hands thoroughly after handling

If get in eyes: Rinse cautiously with water for several minutes. Remove contact lens, if present and easy to do, continue rinsing

If eye irritation persists: Get medical advice/attention

In case of swallowing, if you feel unwell, get medical advice/attention

#### Other Hazards Which Do Not Result in the Classification

Skin Contact: May cause mild irritation on prolonged contact

### Section 4 – Composition/ information on ingredients

#### 4.1 Composition comments

**Chemical identity** Schinopsis lorentzii, ext., bisulphited

Spray dried extract of Quebracho Colorado wood with small quantities of sodium bisulphite

**CAS No.** 100085-70-9

**Weights** N/A

### Section 5 – First-Aid Measures

#### 5.1. Description of first aid measures

##### Skin contact

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention if symptoms occur.

##### Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

##### Inhalation

If symptoms such as nose or throat irritation are observed, remove to fresh air.

##### Ingestion

Do NOT induce vomiting. Get medical attention.

**5.2. Most important symptoms and effects, both acute and delayed**

N.A.

**5.3. Indication of any immediate medical attention and special treatment needed**

N.A.

## **Section 6 – Fire Fighting Measures**

**6.1. Suitable Extinguishing media**

Water or water spray, carbon dioxide (CO<sub>2</sub>), foam or proper chemical powder.

**6.2. Specific hazards arising from the chemical**

Not normally flammable but under extreme heat conditions (> 170 oC) will decompose

**6.3. Special protective actions for fire-fighters**

In the event of fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand

## **Section 7 – Accidental Release Measures**

**7.1. Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required. Remove all sources of ignition. Ventilate area of leak or spill. Clean up spills in order to avoid dispersing dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water

**7.2. Environmental precautions**

Prevent liquid flow conduits storm/sewer, surface water or groundwater

**7.3. Methods and material for containment and cleaning up**

Pick up spill for recovery if possible or use absorbent material to collect the spill and dispose the same in a closed container

## **Section 8 – Handling and Storage**

**8.1. Precautions for safe Handling**

Employ accepted engineering practices in any process capable of generating dust

**8.2. Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect against physical damage. Protect from direct sun-light.

## **Section 9 – Exposure Controls/Personal Protection**

**9.1. Appropriate engineering controls**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source

**9.2. Individual protection measures, such as personal protective equipment (PPE)**

**Respiratory protection**

NIOSH Approved

**Eyes Protection**

Use chemical safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

**Skin Protection**

Wear protective gloves and clean body-covering clothing

## **Section 10 – Physical and Chemical Properties**

**10.1. Information on basic physical and chemical properties**

**Appearance** : Powder, Reddish Brown

<b>Odour</b>	: Pleasant characteristic odor
<b>Odour threshold</b>	: N.A.
<b>pH</b>	: Slightly acid according to: Acid (0-4,0) Slightly acid (4,1-6,5) Neutral (6,6-7,5) Slightly alkaline (7,6-9,0) Alkaline (9,1-14,0)
<b>Melting point</b>	: N.A.
<b>Boiling point</b>	: N.A.
<b>Flash point</b>	: N.A.
<b>Evaporation rate</b>	: N.A.
<b>Flammability</b>	: N.A.
<b>Upper/lower flammability or explosive limits</b>	: N.A.
<b>Vapour pressure</b>	: N.A.
<b>Vapour density</b>	: N.A.
<b>Relative density</b>	: N.A.
<b>Solubility in water</b>	: Easy soluble in water
<b>Partition coefficient: n-octanol/water</b>	: N.A.
<b>Auto-ignition temperature</b>	: N.A.
<b>Decomposition temperature</b>	: Decomposes at 170 °C
<b>Viscosity</b>	: N.A.

## 10.2. Other information

N.A.

## Section 11 – Stability and Reactivity

### 11.1. Reactivity

Hydrolyzed by acid and alkalis

### 11.2. Chemical stability

Stable under normal conditions of use, storage, and transportation.

### 11.3. Possibility of hazardous reactions

N.A.

### 11.4. Conditions to avoid:

Darkens on exposure to air or light

### 11.5. Incompatible materials

Salts of heavy metals, strong oxidizing agents, lime water, albumin, gelatin, alkaloids

### 11.6. Hazardous decomposition products

Carbon monoxide may form when heated to decomposition

## Section 12 – Toxicological Information

### 12.1 Health effects associated with ingredients

The material is not known to present any chronic health effect

### 12.2 Health effects associated with compounds formed during processing

No new/additional compounds are expected to be formed during processing.

### 12.3 Information on likely routes of exposure

Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting

## Section 13 – Ecological Information

### 13.1. Toxicity

**Numerical measures of toxicity** 2260 mg/kg oral-rat.

**Ecotoxicity (aquatic and terrestrial, where available)** EC50 Quebracho: 23,6 mg/L, NOEC Quebracho: 20 mg/L, Daphnia magna reproduction test.

### 13.2.3. Bioaccumulative potential

Not significantly bioaccumulative.

### 13.4. Mobility in soil

Not considered mobile.

### 13.5. Other adverse effects

No Data Available

## Section 14 – Disposal Considerations

### 14.1. Disposal methods

Reuse or recycle material whenever possible. If reuse or recycling is not possible, disposal must be made according to local or governmental regulations. Dispose in accordance with all applicable regulations. Do not discharged product unmonitored into the environment.

## Section 15 – Transport Information

**15.1. UN number:** Not listed as a substance or preparation dangerous for carriage and does not come within any of the classifications pertaining to such listing

**15.2. UN proper shipping name:** N.A.

**15.3. Transport of hazard classes:** N.A.

**15.4. Packing group:** N.A.

**15.5. Environmental hazards:** N.A.

**15.6. Special precautions for user:** N.A.

**15.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** N.A.

## Section 16 – Regulatory Information

Quebracho vegetable extract (*Schinopsis lorentzii*, ext) meets the definition of a natural polymer in accordance with Article 3(5) of the REACH Regulation. As a naturally occurring polymer it is exempt from any REACH registration provisions under Title II, as per Art. 2(9), 2(7)(b) and Annex V (8), since this polymer has not been chemically modified and meets the definition of a naturally occurring substance (According to article 3(39)) and further does not meet the criteria for classification as dangerous in accordance with Directive 67/548/EEC. The modified natural polymers, bisulphited Quebracho extracts, are themselves exempt from REACH registration.

Ensure all national/local regulations are observed.

## Section 16: Additional Information

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