

MATERIAL SAFETY DATA SHEET

SECTION 1 – IDENTITY

Trade / Common Names: Quebracho Tannin/ Quebracho Rojo, Quebracho Moreno, Red #4, Yellow #6

Chemical Name / Synonyms:

Chemical Family:

SECTION 2 – HAZARD SUMMARY

NFPA Rating:

Health 0
Flammability 1
Reactivity 0

HMIS Rating:

Health 0
Flammability 1
Reactivity 0

SECTION 3 – COMPONENTS

<u>Name</u>	<u>%</u>	<u>CAS No.</u>	<u>RTECS No.</u>
Quebracho Tannins	72	18483-17-5	

SECTION 4 – PHYSICAL DATA

Boiling Point: Not Applicable **Melting Point:** Decomposes
Vapor Pressure: Not Applicable **pH (1% solution):**
Vapor Density: Not Applicable
Specific Gravity: O.S.
Solubility: Completely soluble in water
Physical Appearance & Odor: Red or brown powder, characteristic in odor.

SECTION 5 – FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A **Flammable Limits:** N/A
Extinguishing Media: Regular firefighting methods
Special Fire Fighting Procedures & Equipment: None
Unusual Fire & Explosion Hazards: None
Hazardous Incomplete Combustion Products: Not known

SECTION 6 – REACTIVITY DATA

Stability: **At ambient temperatures:** Stable
 At elevated temperatures: Not known
Conditions and Materials to Avoid: Strong acids, bases, and oxidants.
Hazardous polymerizations will NOT occur.

SECTION 7 – SPILL OR LEAK PROCEDURE

Steps to be taken if material is spilled: Solid - Sweep up, minimizing dust and wash

residue away with copious water. Solution – dilute and wash away with copious water.

On Highway: Solid - Sweep up, minimizing dust and wash residue away with copious water. Solution – dilute and wash away with copious water.

Disposal Methods: Per Federal and State regulation for water-soluble industrial waste.

SECTION 8 – HEALTH HAZARD DATA

Classification (29CFR 1910.1200): Not known

Toxicity and Sensitivity Data:

Ingestion Oral LD-50:

Absorption Dermal:

Irritation:

Inhalation Rate:

Carcinogenicity: This material is not listed as a carcinogen by OSHA, NTP, IARC.

Primary Routes:

Signs and Symptoms of Exposure (progressive):

- **Inhalation:**
- **Skin/eyes:**
- **Ingestion:**
- Aqueous solution discolors skin, but no permanent adverse effects. No toxic effect known from dust inhalation or ingestion.

SECTION 9 – EMERGENCY AND FIRST AID

Inhalation: Remove to fresh air. Seek medical attention.

Skin/Eye Contact: Irrigate eyes with sterile saline solution. Wash skin thoroughly with soap and warm water to remove temporary staining and use emollients if needed.

Ingestion (of quantity): Medical attention should be sought

SECTION 10 – SPECIAL PROTECTION INFORMATION

Respiratory Protection: Dust respirator when handling, sifting, measuring or dissolving powder.

Eye Protection: Safety glasses when handling, sifting, measuring, or dissolving powder.

Protective Clothing: Impervious protective gloves.

Personal Hygiene: Wash hands after exposure.

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