



# UNITAN S.A.I.C.A.

## MATERIAL SAFETY DATA SHEET

### TARA ULTRA TEC

MSDS7.2-034

Rev: A

Date: 17/02/01

#### 1 SUSTANCE IDENTIFICATION:

Chemical Name: Vegetable Tannin coming from grinded tara.  
Chemical Family: Natural Poliphenols.

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS:

Dry grinding from tara of wood (CAESALPINEA TINCTOREA).

Hazardous mixture is not reported.

#### 3 HAZARDS IDENTIFICATION:

Threshold Limit Value: None established.  
Effects of Overexposure: None established.

In common with another particulates, existing lung disorders may be aggravated by exposure to high dust concentrations.

#### 4 FIRST-AID MEASURES:

The ingestion and skin contact are not harmful. In case of contact with eyes, with powder or aqueous solution, irrigate with sterile saline solution.

#### 5 FIRE-FIGHTING MEASURES:

Normally flammable as same conditions of another wooddust. Any usual fire fighting measures for example water, water fog or CO<sub>2</sub>.

#### 6 ACCIDENTAL RELEASE MEASURES:

In powder form, minimise dust while sweeping up using damp sand or other dust reducing medium.

|                            |                              |                           |                             |
|----------------------------|------------------------------|---------------------------|-----------------------------|
| Prepared by:<br>J. P. Zito | Controlled by:<br>J. P. Zito | Aproved by:<br>A. L. Mato | Released by:<br>R. Rossetti |
| Date:                      |                              |                           |                             |

### TARA ULTRA TEC

**MSDS7.2-034**

**Rev: A**

**Date: 17/02/01**

In solution, dilute with copious water and flush to drain.

#### **7 HANDLING AND STORAGE:**

Store in cool dry conditions. Do not use hooks for handling sacks. Use handling methods designed to minimise dust emission.

#### **8 EXPOSURE CONTROLS/ PERSONAL PROTECTION:**

Goggles are necessary if handling procedures do not control dust or splash adequately. In line with good hygiene practice, apron and boots should be worn during processes using the material.

Other substances added during subsequent processes in which the material is used may present their own hazards which need separate consideration.

#### **9 PHYSICAL AND CHEMICAL PROPERTIES:**

|                |                               |
|----------------|-------------------------------|
| Physical Type: | Powder                        |
| Colour:        | Beige                         |
| Odour:         | Pleasant characteristic odour |
| Boiling Point: | Descomposes to 170 °C         |
| PH:            | 3,1 – 3,9 in solution         |

#### **10 STABILITY AND REACTIVITY:**

Stable under normal conditions. On thermal decomposition behaves as other ligneous materials.

#### **11 TOXICOLOGICAL INFORMATION:**

Acute health effects are confined to eye irritation and aggravation of any existing lung disorders if excessive quantities of the material as dust are inhaled.

The material is not known to present any chronic health effect including sensitisation, carcinogenicity, mutagenicity and adverse reproductive activity. There is research evidence that tannins inhibit mutagenicity.

#### **12 ECOLOGICAL INFORMATION:**

The material in its supplied form is a natural vegetable product which consists mainly of a condensed tannin. Other non-natural compounds are only present at concentrations below 1 %.

It is slowly biodegradable and does not persist in soil.

## TARA ULTRA TEC

MSDS7.2-034

Rev: A

Date: 17/02/01

**13     DISPOSAL CONSIDERATIONS:**

Initially, the material will have a high Chemical Oxygen Demand (COD) and requires dilution with copious water before being discharged to normal drains or watercourses.

**14     TRANSPORT INFORMATION:**

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

No special transport precautions necessary.

**15     REGULATORY INFORMATION:**

The material is regarded as coming within the scope of the Chemicals (Hazard Information and Packaging) regulations by reason of its classification as an eye irritant.

In other European Union countries, the appropriate national legislation will be broadly similar so as to copy with the EC Directives.

**16     REVISES REGISTER:**

| Rev. | Date     | Modifications |
|------|----------|---------------|
| A    | 17/02/01 | First issue.  |
|      |          |               |
|      |          |               |

MSDS72.034. DOC