

# MATERIAL SAFETY DATA SHEET

According to the European Directive 2001 / 58 / CE

Brand : Liquid Oak Tannin Extract ( from French oak staves and oak chips)

Supplier : TOASTED OAK Co -LITCO LUMBER INC.  
3500 PARLEYS CANYON RD  
PLACERVILLE, CA. 95667 USA  
Tel : (001) 530 344 1121  
Usda-Aphis permit P40-10-00068

DATE : 01/ 08/ 2013  
IND. REV : 0

## **1 - IDENTIFICATION :**

Commercial designation : BOTANICAL LIQUID OAK TANNIN EXTRACT- made from FRENCH OAK WOOD STAVES or CHIPS and mix w/water.  
Supplier production site : Distillerie BEAUDOIN 16140 Les Verrieres- Cognac. France

## **2 - COMPOSITION :**

Usual chemical name : GALLO TANNIN EXTRACT from Oak in liquid form.  
From water extraction. Contains Only WATER and TANNINS, no preservatif, no sulphur.  
CAS N° 1401-55-4 ( Chemical Abstract Service )  
EINECS : 215-753-2 (European Inventory of Existing Commercial Chemical Substance )

## **3 - HAZARD INFORMATION : NON HAZARDOUS**

Potential Acute Health Effects: Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.  
Potential Chronic Health Effects:  
CARCINOGENIC EFFECTS: 3 (Not classifiable for human.) by IARC.  
MUTAGENIC EFFECTS: Not available.  
TERATOGENIC EFFECTS: Not available.

## **4 - FIRST AID MEASURES :**

Skin contact : Wash with water.  
Eye contact : Seek medical help if the irritation persists.  
Ingestion : Give the patient a lot of water to drink and provoke vomiting if the patient is conscious ;  
Inhalation : Clear the mucus membranes. Seek medical help if the irritation persists.

## **5 - FIRE FIGHTING MEASURES :**

N/A

## **6 - ACCIDENTAL RELEASE MESURE :**

Environnement protection : wash the product with water  
Product neutralisation : The product precipitate with metallic salts notably with alumina sulphate

**7 - HANDING AND STORAGE :**

Handling : Shelf Life : 24 months from date of production.

Storage : store in a the shade and cool place < 20 C

**8 – PERSONNAL PROTECTION :**

The use of protective goggles, gloves and protective clothing is recommended.

**9 – PHYSICAL AND CHEMICAL PROPERTIES :**

Appearance : liquid form, dark brown

Odour : characteristic

Solubility : soluble

Auto flammability temperature : N/A

Decomposition temperature :> 100 °C

Spécific weight : 1,084

**10 – STABILITY AND REACTIVITY :**

In normale use and condition the product is stable during 3 months.

**11 – TOXICOLOGICAL INFORMATION :**

We currently do not have information on toxicological values.

Analysis on similar french oak extract was :

LD 50 oral on rat : 3100 mg/Kg

LD 50 skin rat : 7000 mg/ Kg

No harmful effect, no sensibilization have been reported.

**12 – ECOLOGICAL INFORMATION :**

Natural Porduct : Biodegradability is slow.

**13 – DISPOSAL PROCEDURES :**

Follow the local legislation

The chimical demand in oxygen is high.

The product must be copiously diluted before being thrown back to the sewer.

**14 – TRANSPORT INFORMATION :**

The product is not regulated.

**15 – REGULATORY INFOORMATION :**

CEE instructions : 76-464, 78-318, 80-68, 91-156

CEE instructions : 93-18 du 05/04/93

**16 – OTHER INFORMATION :**

The attention of the users is above all drawn to the eventual risks taken for the products usage in situations other than that for wich it was conceived. In no situation should the user dsregard the precautions outline for the product use ; The user assumes the sole responsibility for following the precautions listed in regards to their utilisation of the product.