



# LAFFORT

*l'œnologie par nature*

## MATERIAL SAFETY DATA SHEET

R. (CE) n° 1272/2008 amending  
Annex II Regulation (CE) 1907-2006  
**QUERPLUS**

Date: 24/04/2014

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Ind. Rev.: 0

### 1 – IDENTIFICATION

- 1.1 Identification of the substance or preparation: **QUERPLUS**
- 1.2 Use of the substance/preparation: Natural oak extract used in winemaking
- 1.3 Company/Undertaking identification: LAFFORT - CS61611 - 33 072 BORDEAUX CEDEX - FRANCE  
Tel : +0033 5 56 86 53 04 Fax : +0033 5 56 86 30 50  
info@laffort.com [www.laffort.com](http://www.laffort.com)  
In Australia, imported by **Laffort Australia**  
43 Bradmill Avenue - Rutherford - NSW 2320
- 1.4 Emergency telephone: Check with your local hospital (anti-poison department).

### 2 – HAZARDS IDENTIFICATION

#### Most important risks for man and his environment:

- ⇒ Not hazardous according to the criteria of European standard relating to the classification of dangerous substances.
- Inhalation: the inhaled dust has an astringent effect. May cause coughing and difficulty breathing in high concentrations.
- Ingestion: May cause gastric and intestinal disorders by its astringent effect.
- Contact with the skin: May cause irritations after prolonged contact.
- Contact with eyes: May cause redness and tears.

### 3 – COMPOSITION/INFORMATION ON INGREDIENTS

- Chemical formula: Atomized extract of wood.
- Function: Oak extract from stave wood quality American oak. The specific manufacturing process of QUERPLUS allows a unique component profile, which enhances structure and mouthfeel, increases the wine's aromatic intensity and complexity, protects wine with regards to oxidation
- CAS number : 1401-55-4
- N° EINECS : 295-630-8

### 4 – FIRST AID MEASURES

- In case of skin contact: Wash with plenty of soap and water.
- In case of eye contact: Wash immediately with water during 10 minutes at least. Consult a doctor.
- In case of ingestion: Do not drink or vomit. Rinse mouth with plenty of water. Consult a doctor immediately and show him the Safety Data Sheet.
- In case of inhalation: Aerate the room. Remove the patient immediately from the contaminated premises and allow him to rest in a well ventilated area. In case of faintness, consult a doctor.

### 5 – FIRE-FIGHTING MEASURES

- Suitable Extinguishing Media: Water, CO<sub>2</sub>, foam, chemical powders according to the materials involved in the fire.
- Extinguishing media to be avoided: None in particular.
- Risks arising from combustion: Avoid sources of ignition of dust. Avoid breathing fumes.
- Protective equipment: Use protection for the respiratory tract.

### 6 – ACCIDENTAL RELEASE MEASURES

- Personal precautions: Wear gloves and protective clothing.
- Carefully plan the environment: If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

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Cleaning methods: If the product is in liquid form, stop it from entering the drainage system. Appropriately absorb any spills with inert material and dispose of properly. After picking up the product, rinse the area and materials with water.

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## 7 – HANDLING AND STORAGE

Precaution for handling: Avoid contact and inhalation of dust. See also § 8 below. Do not eat or drink during the work.

Storage conditions: The containers should always be tightly closed.

For local indication: Avoid exposure to humidity. Keep in a dry and well ventilated area.

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## 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Precautions: Properly ventilate the premises where the product is stored and / or handled.

Respiratory Protection: Not required for normal use.

Protection of hands: Not required for normal use. Wash thoroughly after handling.

Eye protection: Safety glasses;

Skin Protection: Not required for normal use.

Exposure limit (ACGIH): None.

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## 9 – PHYSICAL AND CHEMICAL PROPERTIES

Aspect: Granulate

Color: Beige/Brown - red

Other characteristics: Light odor

pH: Not relevant

Boiling point: Not relevant

Fusion point: Not relevant

Inflammation point: Not relevant

Pressure of vapor: Not relevant

Density: Not relevant

Solubility: Soluble in warm water

See Technical Data Sheet for extra information.

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## 10 – STABILITY AND REACTIVITY

Stable under normal conditions.

Substances to avoid: Incompatible with iron, heavy metal salts, alkaloids, gelatin, albumin, starch, oxidizing materials, lime water.

Danger of decomposition: Thermal decomposition can lead to bitter and irritating smoke emission and to the formation of gas such as monoxides of carbon and nitrogen.

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## 11 – TOXICOLOGICAL INFORMATION

Inhalation: Exacerbates existing pulmonary problems in case of excessive exposure.

Skin contact: Minor irritation.

Other toxicity data: This product is not known as inducing chronic effects on health: allergic effects, carcinogenic, mutagenic, fertility inhibition.

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## 12 – ECOLOGICAL INFORMATION

The product, as sold, is a natural plant extract mainly composed of hydrolysable or condensed tannins. Non-vegetable additives are present at a concentration of 0.5 % each. The product is biodegradable. No accumulation in the soil. No toxicity in an aquatic medium below a concentration of 2%. Classified as a non-pollutant product for the environment.

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## 13 – DISPOSAL CONSIDERATION

In its original form, the product has a high chemical oxygen demand (COD) and must be thoroughly diluted before discharge into a sewer or suitable watercourses.

**P501:** Dispose of contents/container to an approved waste disposal site

Refer to national government, regional and local regulations before disposal procedure.

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## 14 – TRANSPORT INFORMATION

Product not concerned by the transport regulations for hazardous materials.

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**15 – REGULATORY INFORMATION**

Not listed as a hazardous substance or preparation.

Product not covered by the rules on the labeling of dangerous substances.

Comply with any provision of national law in force.

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**16 – OTHER INFORMATION**

The information given in this material data safety sheet is considered to be true and correct at time of publication. However the precision and completeness of this information, including all regulations, are given without warranty.

As usage conditions are beyond our control, it is the user's responsibility to determine safe usage conditions for this product.

*« We inform all users of the risks incurred when a product is used for practices other than those for which it is designed. The user must understand and apply the totality of the regulations controlling the activity».*

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