

MATERIAL SAFETY DATE SHEET
HARMONIA PLUS

1 – CHEMICAL PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION

Product: HARMONIA PLUS

Generic name: enzymatic preparation

Supplier: **Burgundia Cœnologie**

ZAC Portes de Beaune – 29, rue Buffon - 21200 BEAUNE _ France

Tel: 03.80.22.43.21

Mail: laboratoire@burgundia.fr

Emergency phone: Contact your local doctor or hospital.

2 – COMPOSITION – INFORMATION ON INGREDIENTS

Characterization of the preparation: Atomized extract of wood.

Anti-dust additives: None.

3 – HAZARD IDENTIFICATION

No specific risk except eyes irritation.

A long term exposure at a high concentration can increase existing pulmonary problems.

N°CAS: 1401-55-4

N°EINECS: 295-630-8.

4 – FIRST AID MEASURES

In case of skin contact: Wash immediately with soap and water. If irritation persists, seek consult a doctor.

In case of eyes contact: Rinse immediately with water for 15 minutes holding the eyelid open. If irritation persists, consult an ophthalmologist.

In case of ingestion: Rinse mouth and throat thoroughly with water. Drink water. If symptoms persist, consult a doctor.

In case of inhalation: Evacuate outdoors or in a ventilated place. If symptoms of irritation or sensitization occur (shortness of breath or wheezing, cough), consult a doctor.

5 – FIRE FIGHTING MEASURES

Normally not flammable, but consumed by fire in extreme heat conditions.

Protection against fire and explosions: No particular requirement.

Adequate means of extinguishing: water, CO2.

Means of extinguishing to be banned: None.

Particular dangers: None.

6 – ACCIDENTAL RELEASE MEASURES

Sweep. To avoid any dust, we recommend spraying wet sand or any similar process.

If in solution: dilute with lots of water and evacuate through the drain.

7- HANDLING AND STORAGE

Handling: Avoid the forming of dust. Avoid splashing or washing under pressure. Insure a good ventilation of the premises during the manipulation of the preparation. Do not eat, drink or smore while working. Wash your hands after manupulation.

Storage: Store in tis original and closed packaging. Store in a cool and dry place.

8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Eyes protection: Glasses if dust or splashes during handling.

Inhalation protection: Mask.

Skin protection: Wear impermeable gloves, boots and apron in order to avoid any prolonged contact with skin
Other products, added during later manufacturing in which the product is used, can present their own risks, what requires particular precautions.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical aspect: Beige/Brown powder

Odour: wood

Flash point: NC

Solubility: In warm water

pH: not concerned

The others physical and chemical parameters are not relevant for the safety. For more information, refer to the Technical Product Datasheet.

10 – STABILITY AND REACTIVITY

The product is stable in normal conditions of storage and use.

Condition and material to avoid: None.

Hazardous decomposition products: In thermal decomposition conditions, reacts as a ligneous product.

11 – TOXICOLOGICAL INFORMATION

Eyes: Irritation.

Skin: Not concerned.

Inhalation: Increase existing pulmonary problem in case of excessive exposure.

Others effects: This product is not known for developing chronic effects on health: allergic effects, carcinogenic, mutagenic, fertility inhibitor.

It has been made obvious that tannin have an inhibitory effect on mutagenesis.

12 – ECOLOGICAL INFORMATION

The product, as sold, is a natural plant extract mainly compound of hydrolysable or condensed tanins.

Non vegetable additives are present at a concentration of 0,5 % each. The product is biodegradable.

No accumulation into the soil. No toxicity into an aquatic medium below a concentration of 2%.

13 – DISPOSAL CONSIDERATIONS

This product has a high chemical demand of oxygen (DCO) and it should be strongly diluted with water before evacuating it into an appropriate drain or creek.

Check the other methods of disposal if there is any other outside polluting addition in the solution (tannage industry).

14 – TRANSPORTATION INFORMATION

Product not concerned by the regulation of hazardous substances transport.

15 – REGULATORY INFORMATION

The product has to follow the rule on chemical products (information on risks and packaging) because of its classification as an "eye irritating" product.

This classification also means that it is subject to the risky substances control following the 1989 health rule.

16 – OTHER INFORMATION

The information contained in this safety data sheet is considered, at the date of publication, to be true and correct. However, the precision and the exhaustiveness of this information, as well as all the recommendations and suggestions are given without guarantees. As the conditions of use are beyond the control of our company, it is up to the user to determine the conditions of the safest use of this preparation.

"We educate users about the risks involved when a product is used for purposes other than those for which it was designed. The user must know and apply all the regulations governing his activity."