



MATERIAL SAFETY DATA SHEET

According to European directive 2001 / 58 / EC

Product: **CLARISOL**

Version n°02 of 10/03/2009

1 – Product and company identification

Trade name : **CLARISOL**

Application : Oenological use

Supplier : SOFRALAB company - 79 AV. A.A. Thévenet - BP 1031 - 51319 MAGENTA - FRANCE

Tel. +33 (0)3 26 51 29 30 – Fax +33 (0)3 26 51 87 60

Emergency telephone number : ORFILA 01 45 42 59 59

2 – Chemical composition/ Information on components

- | | | |
|--------------------------------|--------------------|----------------|
| - Blend of bentonite (60 %) : | N° CAS : | 1318-93-0 |
| - PVPP : | N° CAS : | 25249 – 54 – 1 |
| - Gelatin : | N°CAS : | 9000 – 70 – 8 |
| - Dangerous component : | Silica crystalline | < 3 % |
| - Quartz (SiO ₂) : | N°CAS : | 14808 – 60 – 7 |
| -Cristobalite : | N°CAS : | 14464 – 46 – 1 |

3 – Hazards identification

Contact with the eyes : can cause irritations.

Silica contains : Inhalation : can cause an irritation of the respiratory tracts.

4 – First aid measures

In case of ingestion : If casualty is conscious, give large amounts of water and seek medical attention.

In case of inhalation : Remove to fresh air

In case of skin contact : Wash thoroughly with soap and water.

In case of eye contact : Immediately flush with large amounts of water.

MATERIAL SAFETY DATA SHEET

Product: CLARISOL

Version n°02 of 10/03/2009

5 – Fire-fighting measures

Use water or carbon dioxide extinguishers. In case of fire, the product releases thick smokes and produces carbon dioxide and carbon monoxide.

6 – Accidental release measures

Sweep/shovel up spilled product or recover it with a vacuum pump.

Transfer product to chemicals reprocessing facilities.

7 – Handling and storage

Handling : Work in a well-ventilated area or under a range. Avoid dust formation.

Storage : Keep in a cool and dry place. Do not store close to flammable products.

8 - Exposure control/Personal protection



Respiratory protection : Wear an anti-dust protective mask.



Eye protection : Wear safety goggles



Hand protection : Wear safety gloves



Limits d'exposure TLV – TWA : 0,4 mg/m³ (Silica, Silica crystalline, fraction < 10 µm)

9 – Physical and chemical properties

Appearance : Beige powder

pH (solution at 10 %) : 8,5 ± 0,5

10 – Stability and reactivity

In case of fire, the product decomposes into carbon dioxide and carbon monoxide.

MATERIAL SAFETY DATA SHEET

Product: CLARISOL

Version n°02 of 10/03/2009

11 – Toxicological information

Completely safe.

12 – Ecological information

Biodegradable product to 90 %.

13 – Disposal considerations

Recover spilled product with a vacuum pump.

14 – Transport information

Not applicable

15 – Regulatory information

Not applicable

16 – Other information

Vertical lines on the left hand side show the modifications made compared with previous version.

« This sheet completes the technical utilisation manual but does not replace it. The information contained within is based on the level of our knowledge relative to the product at the date indicated. It is given in good faith. The attention of the users is above all drawn to the eventual risks taken for the products usage in situations other than that for which it was conceived.

In no situation should the user disregard the precautions outlined for the products use. The user assumes the sole responsibility for following the precautions listed in regards to their utilisation of the product ».