

**MATERIAL SAFETY DATE SHEET**  
**SILEXEL**

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## 1. PRODUCT IDENTIFICATION AND COMPANY IDENTIFICATION

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Product: SILEXEL

Supplier: **Burgundia Cœnologie**

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

Tel: 03.80.22.43.21

Mail: [laboratoire@burgundia.fr](mailto:laboratoire@burgundia.fr)

Emergency phone: Contact your local doctor or hospital.

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## 2. COMPOSITION / INFORMATIONS ON INGREDIENTS

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Product composition: Suspension of amorphous colloidal silica, stabilized into an alkaline medium.

Synonym: Silica sol

N° CAS : 7631-86-09.

Contents: SiO<sub>2</sub> about 30%; Free of crystalline silica.

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## 3. HAZARDS IDENTIFICATION

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Not classified as Hazardous according to the criteria of NOHSC.

The preparation does not include any ingredients belonging to the list of the hazardous substances of the annex n°1 of the Directive n°1907/2006/EC.

Hazard contents: None in particular.

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## 4. FIRST AID MEASURES

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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.

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## 5. FIRE FIGHTING MEASURES

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Not flammable.

Protection against fire and explosions: No particular requirement.

Adequate means of extinguishing: water, moss, CO<sub>2</sub>, powder.

Means of extinguishing to be banned: None.

Particular dangers: None.

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## 6. ACCIDENTAL RELEASE MEASURES

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Avoid the elimination in drains creeks and soil percolation. Rinse with water. Remove the product by using absorbing product: sand, Kieselghur, sawdust, universal binding agent. Clean the contaminated clothing.

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## 7. HANDLING AND STORAGE

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Handling: Use a respirator during the manipulation. Ventilate the room. Do not pressure wash due to foaming. Do not eat, drink or smoke while working. Wash your hands after manipulation.

Storage conditions: Store in its original and close packaging. Store in a dry place. This product has a specific sensitivities light and frost.

## 8. EXPOSURE CONTROL/ PERSONAL PROTECTION

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Respiratory protection: Respiratory mask.

Eye protection: Glasses or equivalent.

Skin protection: Impervious gloves.

Control parameters: Check the TRGS 900.

Chemical limits: 4 mg/m<sup>3</sup> G

Biological limits: Noxious for the fertility Group MAK, F C.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical form: Opalescent liquid.

Odor: Neutral.

PH: 9-10.

Density à 20°C: 1.21 g/cm<sup>3</sup>

Temperature of solidification: 0°C

Solubility: Soluble in water.

Inflammation point / Fusion point: Not relevant.

Boiling point: Approximately 100°C.

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

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The product is stable under the regular conditions of storage and use.

Condition and material to avoid: None specified.

Hazardous decomposition products: None specified.

## 11. TOXICOLOGICAL INFORMATION

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Acute toxicity:

- Eyes : Irritating
- Skin: Irritating
- Inhalation: >2000 mg/kg

The above data derived from a product of a similar composition, tested on rabbits.

## 12. ECOLOGICAL INFORMATION

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No know effect on the environment.

## 13. DISPOSAL CONSIDERATION

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Check local regulations and relevant methods of disposal if there have been any other external pollutants added to the solution.

## 14. TRANSPORT INFORMATION

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Product not concerned by the regulation regarding dangerous substances transport.

## 15. REGULATORY INFORMATION

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Product not governed by the regulation regarding dangerous substances labelling.

## 16. OTHER INFORMATION

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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.