

MATERIAL SAFETY DATA SHEET (DIRECTIVE 91/155/EEC)



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SILKYPRED

1 - PRODUCT AND COMPAGNY IDENTIFICATION

Product name : SILKYPRED

Supplier : PRÉDEL

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Uses : Product for enological use

2 - DATA ON COMPONENTS

Arabic gum solution : N° CAS 9000-01-5 / N° EINECS 232-519-5 / Food additive : E414
Solution stabilized by SO₂ : 3,5 à 4,5 g/l

3 - HEALTH HAZARD IDENTIFICATION

This product is not classified in the Annex I of Directive 67/548/EEC.

- Harmful product : SO₂ (3,5 à 4,5 g/l).
- Health risks : Irritating to eyes and respiratory system (**R36/37**). Contact with acids liberates toxic gas (**R31**).

4 - FIRST AID MEASURES

- Inhalation : Remove person from danger area. Supply person with fresh air and consult doctor according to symptoms.
- Eye contact : Wash thoroughly for several minutes using copious water. Call doctor immediately, have Data Sheet available.
- Skin contact : Wash thoroughly using copious water. Remove contaminated clothing immediately. If skin irritation occurs (redness etc...), consult doctor.
- Ingestion : Give copious water to drink. Consult doctor if necessary.

5 - FIRE FIGHTING MEASURES

Not flammable product.

- Advised extinguishing agents : Water, CO₂, foam, chemical powders, depending on the materials involved in the fire.
- Additional information : The water used for the extinction of the fires and contaminated by the product must be evacuated according to the local regulation.

6 - ACCIDENTAL RELEASE MEASURES

- Collection and disposal : Collect the product to discard it. Then rinse the area and all materials involved with water. Eliminate this flushing waters according to the local regulation.
- Personal protection equipment : Wear protection gloves and garments.
- Environmental protection : Limit the leakage using soil or sand. If the product has leaked to a watercourse or the sewage system or it has contaminated the soil or vegetation, alert the competent authorities.

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7 - HANDLING AND STORAGE

- Handling : Keep the containers closed in order to avoid the oxidation of the product.
- Storage : Store in a fresh and quite ventilated place. Do not store near acids, oxidants,...

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

- Airways protection : Use safety mask (type P3).
- Skin protection : Use safety gloves (EN 374).
- Eyes protection : Use safety goggles (EN 166).

9 - PHYSICAL AND CHEMICAL PROPERTIES

- Physical state : Liquid
- Colour : Pale yellow
- Odour : Prickly (SO₂)
- pH : 3,5 to 4
- Density : 1100 ± 4 kg/m³ (at 20°C)
- Solubility in water : Mixable

10 - STABILITY AND REACTIVITY

- Products to be avoided : Acids.
- Decomposition products : Contact with acids liberates toxic gas (SO₂).

11 - TOXICOLOGICAL INFORMATION

The product is a food ingredient : no toxic

- Hazardous components : SO₂ : 3,5 à 4,5 g/L (see chap. 3)

12 - ECOLOGICAL INFORMATION

The product does not present a danger to the environment. Biodegradable product.

13 - DISPOSAL CONSIDERATIONS

- Product : Wash out the residues with water or neutralise them with lime or calcium carbonate and then wash with water. Dispose the product in accordance with local laws and regulations.
- Contaminated packaging : Empty the packaging accurately and dispose them depending on the material.

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14 - TRANSPORT INFORMATION

Product non subject to ADR/RID, IMO and IATA regulations, related to road, sea and airway transport of dangerous goods.

15 - REGULATORY INFORMATION

EC Labelling :



- Hazard symbol : Xi – Irritant
- Risk phrases : **R31** : Contact with acids liberates toxic gas. **R36/37** : Irritating to eyes and respiratory system.
- Safety phrase : **S26** : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Risks relating to SO₂ : Toxic gas by inhalation, heavier than air. it can accumulate in places closed in particular on the level of the ground. with high concentrations, it is corrosive for the eyes, the respiratory system and the skin.

16 - OTHER INFORMATION

The information herein is based on current available data and is believed to be correct. No warranty, express or implied, is made regarding data accuracy, merchantability or hazards associated with product use. The user is responsible for determining product suitability, conditions of use and all associated hazards. Values listed in this document are not product specifications.