

# MATERIAL SAFETY DATA SHEET

According to the european directive 2001 / 58 / CE

Product : **POLY V**

Version n°01 of 25/08/2005

## 1 – Product and compagny identification

Commercial designation : **POLY V**

Society : **S. A. S. SOFRALAB  
MARTIN VIALATTE**  
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## 2 – Composition

Polyvinylpyrrolidone (reticulated)

CAS number : 9003-39-8

Cellulose

N° CAS : 65996-61-4

## 3 – Hazards Information

No special indications of hazards for human beings or the environment.

## 4 – First aid measures

General measures : Take off contaminated clothes  
Inhalation : Rest and fresh air  
Ingestion : Rinse the mouth immediately and drink a lot of water.  
Skin contact : Wash thoroughly with water and soap.  
Eye contact : Flush with plenty of running water for 15 minutes keeping the eyes open.

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## 5 – Fire-fighting measures

Extinguishing media : Sprayed water, foam, carbon dioxide, dry extinguishers

In case of fire, possible release of Nox, carbon dioxide, hydrogen cyanide

Protective equipment: In case of fire, wear an autonomous breathing device.

## 6 – Accidental release measures

Individual precautions : Avoid the formation of dust.

Environment protection precautions : Keep the product out of the sewage.

Cleaning method : Pick up with a mechanical mean (broom or vacuum).

## 7 – Handling and storage

Handling : In order to prevent fire and explosion, avoid the formation of dust.

Take measures against the accumulation of electrostatic charges.

Respect the caution measures usually applicable for the handling of chemicals.

Storage : Store in a cold and dry place, well sealed.

## 8 – Personal protection

Technical measures : see paragraph 7

Exposition parameters to check : the product contains the residual monomère 1 - vinyl - 2 pyrrolidone (traces)

No personal protection equipment necessary

General hygiene and protection measures : respect caution measures usually applicable for the handling of chemicals.

## 9 – Physical and chemical properties

Appearance : White powder

Odour : Weak characteristic odour

pH : (1%) about 7,8

Fusion point : 220°C

Auto flammability : 440°C

Lightning point : Non-flammable

Solubility in other solvents : insoluble

Solubility in water at 20°C : insoluble

Apparent specific weight : about 200 kg/m<sup>3</sup>

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## 10 – Stability and reactivity

|                                  |   |
|----------------------------------|---|
| Decomposition                    | : > = 220°C (Geigy-Kuehner)                   |
| Hazardous reactions              | : Explosive dust                              |
| Hazardous decomposition products | : None in normal conditions of transformation |

## 11 – Toxicological information

|                                      |                |
|--------------------------------------|----------------|
| High toxicity :                      |                |
| Oral LD50 (rat)                      | : 2000 mg/kg   |
| Skin irritation (rabbit)             | : not irritant |
| Mucous membranes irritation (rabbit) | : not irritant |

## 12 – Ecological information

Data on food :

Not easily biodegradable

The product is not easily soluble in water. It can be eliminated from water by mechanical separation in adapted treatment centres.

Behaviour in the environment :

The appropriate introduction of small concentrations in adapted biological treatment centres does not perturb the biological action cycle of sludge.

|  |                            |
|--|----------------------------|
| Ecotoxic effects                         | : high toxicity for fishes |
| Trial method                             | : DIN 38 412 L1, L15       |
| LC 50 / Leuciscus idus                   | : > 10 000 mg/l/96 H       |
| No observed effects concentration (NOEC) | : 10 000 mg/l              |
| CE/CLO (48h)                             | : > 10 000 mg/l            |

The product has not been tested. The information come from similar structure or similar composition products.

Other indications regarding the environment : the product must not be tipped in water without going first through a treatment centre.

## 13 – Disposal procedures

The product must be subject to a special treatment, for example incineration in a certified centre in order to respect the local official prescriptions.

## 14 – Transport information

Product not hazardous according to the transport regulations.

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**15 – Regulatory information**

Labelling according to the EEC : not compulsory.

**16 – Other information**

“ 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 ”.