

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Product form	: Substance
Trade name	: VINICLAR® P
Chemical name	: Polyvinylpyrrolidone; poly-[1-(2-oxo-1-pyrrolidinyl)-ethylene]
EC-No.	: 618-363-4
CAS-No.	: 9003-39-8
Type of product	: For œnological use
Formula	: (C <sub>6</sub> H <sub>9</sub> NO) <sub>n</sub>
Synonyms	: Crospovidone; Cross-linked polyvidone; Insoluble polyvinylpyrrolidone
Product group	: Trade product
Other means of identification	: E 1202

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1. Relevant identified uses

Main use category : Professional use

Industrial/Professional use spec : For professional users only

Use of the substance/mixture : Preventive and curative treatment for oxidative discolorations in wine. Treatment for press wines.

Use of the substance/mixture : For œnological use

Function or use category : Food/feedstuff additives

#### 1.2.2. Uses advised against

No additional information available

### 1.3. Details of the supplier of the safety data sheet

#### Manufacturer

LAFFORT FRANCE  
P.O. Box CS 61611  
33072 BORDEAUX CEDEX - FRANCE  
T +33 (0)5 56 86 53 04 - F +33 (0)5 56 86 30 50  
[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

#### Distributor

LAFFORT AUSTRALIA  
23 BURWOOD AVENUE  
WOODVILLE NORTH  
5012 SOUTH AUSTRALIA - AUSTRALIA  
T (08) 8360 2200  
[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

#### Manufacturer

LAFFORT ESPAÑA S.A.  
TXIRRITA MALEO 12 APTDO 246  
20100 RENTERIA (Guipúzcoa) - ESPAÑA  
T 0034943344068 - F 0034943344281  
[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

#### Distributor

LAFFORT NEW ZEALAND

#### Distributor

LAFFORT ARGENTINA  
PREDIO INDUSTRIAL, CALLE CASTRO BARROS  
1330 CARRODILLA  
LUJAN DE CUYO - ARGENTINA  
T + 54 261 4962309 - F + 54 261 4964060  
[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

#### Distributor

LAFFORT CHILE  
PARCELA 233, LOTE 2,  
COLONIA KENNEDY, SECTOR HOSPITAL  
9540000 PAINE - CHILE  
T +56 22 979 1590 - F +56 9 5201 7140  
[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

#### Distributor

LAFFORT ITALIA  
S.P. PER CASTELNUOVO SCRIVIA S.N.C.  
15057 TORTONA AL  
T +39 0131 863 608 - F +39 0131 821 305  
[laffortitalia@laffort.com](mailto:laffortitalia@laffort.com) - [www.laffort.com](http://www.laffort.com)

#### Distributor

LAFFORT SOUTH AFRICA

# VINICLAR® P

## Safety Data Sheet

according to Regulation (EU) 2015/830

4/B GREENWOODS CLOSE  
TITIRANGI  
P.O. Box P.O. BOX 60-249  
1000 AUCKLAND - NEW ZEALAND  
T 64 (0) 21 322 290  
[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

32 ZANDWYK PARK  
7646 PAARL - SOUTH AFRICA  
T +27 21 882 8106  
[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

### Distributor

LAFFORT USA  
1460 CADER LANE  
SUITE C  
CA 94954 PETALUMA - USA  
T +1 (707) 775 4530  
[laffortusa@laffort.com](mailto:laffortusa@laffort.com) - [www.laffortusa.com](http://www.laffortusa.com)

### 1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Australia	NSW Poisons Information Centre	The Children's Hospital at Westmead Locked Bag 4001 NSW 2145 Westmead	13 11 26 +56 2 2 247 3600	
Canada	Ontario Poison Centre (OPC)	The Hospital for Sick Children 555 University Avenue ON M5G 1X8 Toronto	1-800-268-9017 (416) 813-5900	
Canada	BC Drug and Poison Information Centre (DPIC)	655 West 12th Avenue BC V5Z 4R4 Vancouver	1-800-567-8911 (604) 682-5050	
China	National Poison Control Center	Chinese Center for Disease Control and Prevention Nanwei road, No.29 100050 Beijing	+86 10 831 32 046	
Croatia	Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada	Ksaverska Cesta 2 p.p. 291 10000 Zagreb	+385 1 234 8342	
Czech Republic	Toxikologické informační středisko Klinika pracovního lékařství VFN a 1. LF UK	Na Bojišti 1 120 00 Praha 2	+420 224 919 293 +420 224 915 402	
Georgia	National Toxicology Information Advisory Center	Tbilisi State Medical University Department of Toxicology - 7 Asatiani St. 380 077 Tbilisi	+995 99 533320	
Greece	Poisons Information Centre Children's Hospital P&A Kyriakou	11762 Athens	+30 2 10 779 3777	
Hungary	Országos Kémiai Biztonsági Intézet Egészségügyi Toxikológiai Tájékoztató Szolgálat	Nagyvárad tér 2. 1437 Budapest, Pf. 839 1097 Budapest	+36 80 20 11 99	
Israel	Israel Poison Information Center Rambam Health Care Campus	6 Ha'Aliya Street 31096 Haifa	+972 4 854 1900	
Japan	Japan Poison Information Center	Tsukuba Medical Center 1-1-1 Amakubo 305-0005 Tsukuba City, Ibaraki	+81-29-856-3566 +81-72-727-2499	

Country	Organisation/Company	Address	Emergency number	Comment
Malta	Medicines & Poisons Info Office	Mater Dei Hospital MSD Msida	+356 2545 6504	
New Zealand	National Poisons Centre	Dunedin School of Medicine, University of Otago PO Box 913 9054 Dunedin	0800 764 766 +56 2 2 247 3600	
Poland	National Poisons Information Centre The Nofer Institute of Occupational Medicine (Łódź)	ul. Teresy 8 P.O. BOX 199 90950 Łódź	+48 42 63 14 724	
Romania	Department of Clinical Toxicology Spitalul de Urgenta Floreasca	Calea Floreasca Bucuresti	+40 21 230 8000	
Russia	Информационно-консультативный центр по токсикологии (RTIAC) Министерство здравоохранения Российской Федерации	3 Сухаревская Площадь Блок 7 129090 г. Москва	+7 495 628 1687 (только на русском)	
Slovenia	Center za klinično toksikologijo in farmakologijo Interna klinika, UKCL	Zaloška cesta 7 1525 Ljubljana	+386 41 650 500	
South Africa	Tygerberg Poison Information Centre	Division of Clinical Pharmacology Faculty of Medicine and Health Sciences Stellenbosch University - PO Box 241 8 000 Cape Town	0861 555 777 +56 2 2 247 3600	
Turkey	Ulusal Zehir Merkezi (UZEM) Refik Saydam Hıfzısıhha Merkezi Başkanlığı	Cemal Gürsel Cd. No: 18 Sıhhiye Çankaya 6590 Ankara	114	Information is provided to public and medical personnel on poisoning incidents via 114.
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	
United States of America	American Association of Poison Control Centers	515 King St., Suite 510 VA 22314 Alexandria	1-800-222-1222 +56 2 2 247 3600	

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

Adverse physicochemical, human health and environmental effects

No additional information available

# VINICLAR® P

## Safety Data Sheet

according to Regulation (EU) 2015/830

### 2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Substance type	: Mono-constituent
Name	: VINICLAR® P
CAS-No.	: 9003-39-8
EC-No.	: 618-363-4

Name	Product identifier	%
Polyvinylpyrrolidone - E1202	(CAS-No.) 9003-39-8 (EC-No.) 618-363-4	100

### 3.2. Mixtures

Not applicable

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

First-aid measures general	: If symptoms persist call a doctor.
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.
First-aid measures after skin contact	: After contact with skin, wash immediately and thoroughly with water and soap. If symptoms persist, call a physician.
First-aid measures after eye contact	: In case of eye contact, immediately rinse with clean water for 10-15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: If swallowed, rinse mouth with water (only if the person is conscious). Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects	: More detailed information: See section 11. Unexcreted particles may be phagocytized by cells of the reticuloendothelial system and deposited in storage sites in the liver, spleen, lung, and bone marrow resulting in the storage disease thesaurosis. Severity and symptoms depend on storage site and nature of the particle. Pathological changes are not necessarily attributed to the thesaurosis, but in some cases an inflammation or granulomatoma have occurred.
------------------	--

### 4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media**

- Suitable extinguishing media : carbon dioxide (CO<sub>2</sub>), powder, alcohol-resistant foam, water spray.
- Unsuitable extinguishing media : Do not use water jet.

**5.2. Special hazards arising from the substance or mixture**

- Explosion hazard : Avoid raising powdered material due to explosion hazard.
- Hazardous decomposition products in case of fire : Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides.

**5.3. Advice for firefighters**

- Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
- Other information : Do not contaminate ground and surface water. Dispose in a safe manner in accordance with local/national regulations.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****6.1.1. For non-emergency personnel**

- Protective equipment : Wear recommended personal protective equipment.
- Emergency procedures : Ventilate spillage area. Spilled material may present a slipping hazard.
- Measures in case of dust release : Avoid dust formation.

**6.1.2. For emergency responders**

- Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

**6.2. Environmental precautions**

Do not flush into surface water or sewer system.

**6.3. Methods and material for containment and cleaning up**

- Methods for cleaning up : Mechanically recover the product. Contain leaking substance, pump over in suitable containers. Clean contaminated surfaces with an excess of water.
- Other information : Dispose of materials or solid residues at an authorized site.

**6.4. Reference to other sections**

Concerning personal protective equipment to use, see section 8. For further information refer to section 13.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

- Precautions for safe handling : Avoid dust formation. Handling this product may result in electrostatic accumulation. Use proper grounding procedures. Store tightly closed in a dry and cool place. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear recommended personal protective equipment.
- Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities**

- Technical measures : Keep only in the original container.
- Storage conditions : Keep container tightly closed to prevent moisture pick-up. Store in a dry, cool place. Keep in a well-ventilated room. Keep out of direct sunlight.

# VINICLAR® P

## Safety Data Sheet

according to Regulation (EU) 2015/830

Heat and ignition sources : Keep away from ignition sources (including static discharges).

### 7.3. Specific end use(s)

For œnological use.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Personal protective equipment:

Refer to protective measures listed in Sections 7 and 8.

#### Materials for protective clothing:

Protective clothing

#### Hand protection:

In case of excessive dust production. Wear protective gloves.

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Nitrile rubber (NBR), Butyl rubber				EN ISO 374

#### Eye protection:

No special eye protection equipment recommended under normal conditions of use. Where excessive dust may result, wear goggles

Type	Use	Characteristics	Standard
Safety glasses	Dust		EN 166

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

Wear suitable respiratory equipment in case of insufficient ventilation. EN 143

# VINICLAR® P

## Safety Data Sheet

according to Regulation (EU) 2015/830

### Environmental exposure controls:

Do not allow into drains or water courses. Avoid release to the environment.

### Other information:

Do not eat, drink or smoke during work. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Solid
Appearance	: Powder.
Colour	: White to off-white.
Odour	: No data available
Odour threshold	: No data available
pH	: No data available
pH solution	: 5 - 8 1%
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: > 440 °C Not applicable
Decomposition temperature	: > 220 °C
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Density	: 1 g/cm <sup>3</sup> 20°C
Solubility	: insoluble in water.
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: Not applicable

**9.2. Other information**

No additional information available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

The product is non-reactive under normal conditions of use, storage and transport.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

May form an explosive mixture in the presence of air.

**10.4. Conditions to avoid**

Heat. flames or sparks. Moisture.

**10.5. Incompatible materials**

oxidation agents, reductor agents and bases.

**10.6. Hazardous decomposition products**

Toxic fumes may be released. Carbon oxides (CO, CO<sub>2</sub>).

**SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Acute toxicity (oral) : Not classified  
Acute toxicity (dermal) : Not classified  
Acute toxicity (inhalation) : Not classified

Polyvinylpolypyrrolidone - E1202 (9003-39-8)	
LD50 oral rat	> 2000 mg/kg
LC50 inhalation rat (Dust/Mist - mg/l/4h)	> 5,2 mg/l/4h

Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : May cause eye-irritation of susceptible persons  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified



# VINICLAR® P

## Safety Data Sheet

according to Regulation (EU) 2015/830

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

#### 12.2. Persistence and degradability

No additional information available

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Results of PBT and vPvB assessment

No additional information available

#### 12.6. Other adverse effects

Other adverse effects : Do not allow to enter drains or water courses.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Empty remaining contents. Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

#### 14.1. UN number

UN-No. (ADR) : Not regulated

UN-No. (IMDG) : Not regulated

UN-No. (IATA) : Not regulated

UN-No. (ADN) : Not regulated

UN-No. (RID) : Not regulated

# VINICLAR® P

## Safety Data Sheet

according to Regulation (EU) 2015/830

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not regulated
Proper Shipping Name (IMDG)	: Not regulated
Proper Shipping Name (IATA)	: Not regulated
Proper Shipping Name (ADN)	: Not regulated
Proper Shipping Name (RID)	: Not regulated

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: Not regulated
----------------------------------	-----------------

#### IMDG

Transport hazard class(es) (IMDG)	: Not regulated
-----------------------------------	-----------------

#### IATA

Transport hazard class(es) (IATA)	: Not regulated
-----------------------------------	-----------------

#### ADN

Transport hazard class(es) (ADN)	: Not regulated
----------------------------------	-----------------

#### RID

Transport hazard class(es) (RID)	: Not regulated
----------------------------------	-----------------

### 14.4. Packing group

Packing group (ADR)	: Not regulated
Packing group (IMDG)	: Not regulated
Packing group (IATA)	: Not regulated
Packing group (ADN)	: Not regulated
Packing group (RID)	: Not regulated

### 14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

Not regulated

#### - Transport by sea

Not regulated

#### - Air transport

Not regulated

#### - Inland waterway transport

Not regulated

#### - Rail transport

Not regulated

# VINICLAR® P

## Safety Data Sheet

according to Regulation (EU) 2015/830

### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

No REACH Annex XVII restrictions

VINICLAR® P is not on the REACH Candidate List

VINICLAR® P is not on the REACH Annex XIV List

Other information, restriction and prohibition : For œnological use.  
regulations

#### 15.1.2. National regulations

##### Germany

Reference to AwSV : Water hazard class (WGK) 1, Slightly hazardous to water (Classification according to AwSV; ID No. 2082)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

##### Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : The substance is not listed

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes:

Revision - See : \*.

Section	Changed item	Change	Comments
4.2	Symptoms/effects	Added	

# VINICLAR® P

## Safety Data Sheet

according to Regulation (EU) 2015/830

5.2	Hazardous decomposition products in case of fire	Added	
9.1	pH solution		

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*