

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

### 1.1. Product identifier

Product form	: Mixture
Trade name	: SUPRAROM®
Type of product	: For œnological use
Product group	: Trade product
Other means of identification	: E224 - E300

### 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 : Antioxidative - antiseptic. Prevents juice oxidation. Preserves freshness and aromatic intensity. Synergic blend based on potassium metabisulfite, ascorbic acid and œnological tannins to protect delicate aromas and their precursors in white grapes or must. Preserves the further aromatic character of the wine.

Use of the substance/mixture : For œnological use

#### 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 ESPANA  
TXIRRITA MALEO 12 APTDO 246  
20100 RENTERIA - ESPAGNE  
T 0034943344068 - F 0034943344281  
[info@laffort.com](mailto:info@laffort.com) - [www.laffort.com](http://www.laffort.com)

#### Distributor

LAFFORT NEW ZEALAND  
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)

#### 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  
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	
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	

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Country	Organisation/Company	Address	Emergency number	Comment
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	0870 243 2241	
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]

Serious eye damage/eye irritation, H318

Category 1

Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation H335

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

Causes serious eye irritation.

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### 2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Extra labelling to display Extra classification(s) to display

Hazard pictograms (CLP)



Signal word (CLP)

: Danger

Hazard statements (CLP)

: H318 - Causes serious eye damage  
H335 - May cause respiratory irritation.

Precautionary statements (CLP)

: P261 - Avoid breathing dust, fume, gas, mist, vapours, spray  
P271 - Use only outdoors or in a well-ventilated area  
P280 - Wear protective gloves, protective clothing, eye protection, face protection  
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing  
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
P312 - Call a doctor, a POISON CENTER if you feel unwell

EUH-statements

: EUH031 - Contact with acids liberates toxic gas

### 2.3. Other hazards

No additional information available

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Potassium metabisulphite	(CAS-No.) 16731-55-8 (EC-No.) 240-795-3 (REACH-no) 01-2119537422-45	50 - 80	Eye Dam. 1, H318 STOT SE 3, H335

Full text of H-statements: see section 16

**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. Immediately consult a doctor/medical service.
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. Do not induce vomiting. 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.
Symptoms/effects after inhalation	: May cause respiratory irritation.
Symptoms/effects after eye contact	: Eye irritation. Serious damage to eyes.

**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**

Hazardous decomposition products in case of fire	: Toxic fumes may be released. Sulphur oxides. Carbon oxides (CO, CO <sub>2</sub> ).
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**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 personal protective equipment.
Emergency procedures	: Ventilate spillage area. Avoid contact with skin and eyes. No flames, no sparks. Eliminate all sources of ignition.
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".
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**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. Store tightly closed in a dry and cool place. Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear 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 out of direct sunlight.
- Incompatible products : Strong acids, strong oxidants. May react with aluminium. Metals.
- Incompatible materials : May react with aluminium. Metals.
- Heat and ignition sources : Keep away from ignition sources (including static discharges).

**7.3. Specific end use(s)**

For oenological use.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters**

<b>Potassium metabisulphite (16731-55-8)</b>		
EU	IOELV TWA (ppm)	≈ 0,5 ppm
EU	IOELV STEL (ppm)	≈ 1 ppm
EU	Notes	S02
USA - ACGIH	ACGIH STEL (ppm)	0,25 ppm
USA - ACGIH	Remark (ACGIH)	S02

**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:**

acid resistant clothing

**Hand protection:**

Protective gloves. Protective gloves made of PVC. Butyl rubber gloves. Nitrile rubber gloves. Natural rubber

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Chemically resistant protective gloves	Nitrile rubber (NBR)	6 (> 480 minutes)	0.4		EN 420, EN 374
Chemically resistant protective gloves	Chloroprene rubber (CR)	6 (> 480 minutes)	0.5		EN 420, EN 374
Chemically resistant protective gloves	Butyl rubber	6 (> 480 minutes)	0.7		EN 420, EN 374

**Eye protection:**

Safety glasses

Type	Use	Characteristics	Standard
Safety glasses	Dust	With side shields	EN 166

**Skin and body protection:**

Wear suitable protective clothing

Type	Standard
Chemically resistant protective gloves	EN 374

**Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment. EN 143

**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	: Crystals. Powder.
Colour	: brown. white.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
pH solution	: $\approx 3 - 5$ 20 °C
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: Not applicable

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Boiling point	: No data available
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: > 150 °C 1.013 hPa
Flammability (solid, gas)	: Non flammable
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: Not applicable
Solubility	: Soluble 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

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. flames or sparks. Moisture.

### 10.5. Incompatible materials

Strong acids, strong oxidants.

### 10.6. Hazardous decomposition products

May liberate toxic gases. Thermal decomposition generates : Sulphur dioxide. Carbon oxides (CO, CO<sub>2</sub>).



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### 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

#### Potassium metabisulphite (16731-55-8)

LD50 oral rat	≈ 2300 mg/kg bodyweight
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Skin corrosion/irritation : Not classified  
Serious eye damage/irritation : Severe eye irritation  
Additional information : Causes serious eye damage.  
Respiratory or skin sensitisation : Not classified  
Germ cell mutagenicity : Not classified  
Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

### SECTION 12: Ecological information

#### 12.1. Toxicity

Acute aquatic toxicity : Not classified  
Chronic aquatic toxicity : Not classified

#### Potassium metabisulphite (16731-55-8)

LC50 fish 1	460 - 1000 mg/l <i>Brachydanio rerio</i>
EC50 Daphnia 1	88,8 mg/l <i>Daphnia magna</i>
EC50 other aquatic organisms 1	65 mg/l 17h - Bacteria
EC50 72h algae (1)	48,1 mg/l <i>Senedesmus subspicatus</i>

#### 12.2. Persistence and degradability

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Potassium metabisulphite (16731-55-8)	
Persistence and degradability	Mineral.
Chemical oxygen demand (COD)	0,14 g O <sub>2</sub> /g substance

### 12.3. Bioaccumulative potential

Potassium metabisulphite (16731-55-8)	
Log Pow	≈ -4
Bioaccumulative potential	There is no bioaccumulation.

### 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.  
Sewage disposal recommendations : Do not flush into surface water or sewer system.  
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

### 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

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### 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

### 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

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

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Contains no REACH Annex XIV substances

### 15.1.2. National regulations

#### Germany

VwVwS Annex reference : Water hazard class (WGK) 2, significant hazard to waters (Classification according to VwVwS, Annex 4)

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 : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

#### Denmark

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes:

Revision - See : \*.

Full text of H- and EUH-statements:

Eye Dam. 1	Serious eye damage/eye irritation, Category 1
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation.
EUH031	Contact with acids liberates toxic gas

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*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*