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

1.1. Product identifier

Product form: Mixture
Trade name: POLYMUST® DC
Type of product: For œnological use
Product group: Trade product

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: Vegetal protein (pea), bentonite and active carbon preparation, especially formulated for the fining of musts, new wines in fermentation and white wines.
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 - www.laffort.com

Distributor
LAffort SOUTH AFRICA
32 ZANDWYK PARK
7646 PAARL - SOUTH AFRICA
T +27 21 882 8106
info@laffort.com - 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 - 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 - www.laffort.com

Distributor
LAffort ESPAÑA S.A.
TXIRRITA MALEO 12 APTDO 246
20100 RENTERIA (Guipúzcoa) - ESPAÑA
T 0034943344068 - F 0034943344281
info@laffort.com - 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 - www.laffort.com

Distributor
LAffort USA
1460 CADER LANE
SUITE C
CA 94954 PETALUMA - USA
T +1 (707) 775 4530
laffortusa@laffort.com - www.laffortusa.com

Distributor
LAffort AUSTRALIA
23 BURWOOD AVENUE
WOODVILLE NORTH
5012 SOUTH AUSTRALIA - AUSTRALIA
T (08) 8360 2200
info@laffort.com - www.laffort.com

Distributor
LAffort ARGENTINA
PREDIO INDUSTRIAL, CALLE CASTRO BARROS
### 1.4. Emergency telephone number

<table>
<thead>
<tr>
<th>Country</th>
<th>Organisation/Company</th>
<th>Address</th>
<th>Emergency number</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>NSW Poisons Information Centre</td>
<td>The Children’s Hospital at Westmead Locked Bag 4001 NSW 2145 Westmead</td>
<td>13 11 26 +56 2 2 247 3600</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>Ontario Poison Centre (OPC)</td>
<td>The Hospital for Sick Children 555 University Avenue ON M5G 1X8 Toronto</td>
<td>1-800-268-9017 (416) 813-5900</td>
<td></td>
</tr>
<tr>
<td>Canada</td>
<td>BC Drug and Poison Information Centre (DPIC)</td>
<td>655 West 12th Avenue BC V5Z 4R4 Vancouver</td>
<td>1-800-567-8911 (604) 682-5050</td>
<td></td>
</tr>
<tr>
<td>China</td>
<td>National Poison Control Center</td>
<td>Chinese Center for Disease Control and Prevention Nanwei road, No.29 100050 Beijing</td>
<td>+86 10 831 32 046</td>
<td></td>
</tr>
<tr>
<td>Croatia</td>
<td>Centar za kontrolu otrovanja Institut za medicinska istraživanja i medicinu rada</td>
<td>Ksaverska Cesta 2 p.p. 291 10000 Zagreb</td>
<td>+385 1 234 8342</td>
<td></td>
</tr>
<tr>
<td>Czech Republic</td>
<td>Toxikologické informační středisko Klinika pracovního lékařství VFN a 1. LF UK</td>
<td>Na Bojišťi 1 120 00 Praha 2</td>
<td>+420 224 919 293 +420 224 915 402</td>
<td></td>
</tr>
<tr>
<td>Georgia</td>
<td>National Toxicology Information Advisory Center</td>
<td>Tbilisi State Medical University Department of Toxicology - 7 Asatiani St. 380 077 Tbilisi</td>
<td>+995 99 533320</td>
<td></td>
</tr>
<tr>
<td>Greece</td>
<td>Poisons Information Centre Children’s Hospital P&amp;A Kyriakou</td>
<td>11762 Athens</td>
<td>+30 2 10 779 3777</td>
<td></td>
</tr>
<tr>
<td>Hungary</td>
<td>Országos Kémiai Biztonsági Intézet Egészségügyi Tokiológiai Tájékoztató Szolgálat</td>
<td>Nagyvárad tér 2. 1437 Budapest, Pf. 839 1097 Budapest</td>
<td>+36 80 20 11 99</td>
<td></td>
</tr>
<tr>
<td>Israel</td>
<td>Israel Poison Information Center Rambam Health Care Campus</td>
<td>6 Ha’Aliya Street 31096 Haifa</td>
<td>+972 4 854 1900</td>
<td></td>
</tr>
<tr>
<td>Japan</td>
<td>Japan Poison Information Center Tsukuba Medical Center 1-1-1 Amakubo 305-0005 Tsukuba City, Ibaraki</td>
<td>+81-29-856-3566 +81-72-727-2499</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Malta</td>
<td>Medicines &amp; Poisons Info Office Mater Dei Hospital MSD Msida</td>
<td>356 2545 6504</td>
<td></td>
<td></td>
</tr>
<tr>
<td>New Zealand</td>
<td>National Poisons Centre Dunedin School of Medicine, University of Otago PO Box 913 9054 Dunedin</td>
<td>0800 764 766 +56 2 2 247 3600</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## 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

### 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

Other hazards not contributing to the hazards identified:

- HSE MDHS101/2 - Crystalline silica in respirable airborne dusts. Dust of the product, if
**SECTION 3: Composition/Information on Ingredients**

### 3.1. Substances

Not applicable

### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II

**SECTION 4: First aid measures**

### 4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>First-aid measures general</th>
<th>If symptoms persist call a doctor. Take off contaminated clothing and wash it before reuse.</th>
</tr>
</thead>
<tbody>
<tr>
<td>First-aid measures after inhalation</td>
<td>Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.</td>
</tr>
<tr>
<td>First-aid measures after skin contact</td>
<td>Wash with plenty of water/.... If symptoms persist, call a physician.</td>
</tr>
<tr>
<td>First-aid measures after eye contact</td>
<td>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.</td>
</tr>
<tr>
<td>First-aid measures after ingestion</td>
<td>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.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Symptoms/effects</th>
<th>More detailed information: See section 11.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Symptoms/effects after inhalation</td>
<td>Dust of the product, if present, may cause respiratory irritation after an excessive inhalation exposure.</td>
</tr>
</tbody>
</table>

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

Treat symptomatically.

**SECTION 5: Firefighting measures**

### 5.1. Extinguishing media

<table>
<thead>
<tr>
<th>Suitable extinguishing media</th>
<th>carbon dioxide (CO2), powder, alcohol-resistant foam, water spray.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unsuitable extinguishing media</td>
<td>Do not use water jet.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Hazardous decomposition products in case of fire</th>
<th>Toxic fumes may be released. Carbon oxides (CO, CO2). Nitrogen oxides.</th>
</tr>
</thead>
</table>

### 5.3. Advice for firefighters

<table>
<thead>
<tr>
<th>Protection during firefighting</th>
<th>Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.</th>
</tr>
</thead>
</table>
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

General measures: Ensure adequate air ventilation.

6.1.1. For non-emergency personnel

Protective equipment: Wear recommended personal protective equipment.

Emergency procedures: Evacuate area. Ventilate spillage area. Avoid contact with skin, eyes and clothing. Avoid breathing dust.

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

No additional information available

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. Minimize generation of dust.

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. Ensure good ventilation of the work station. In case of insufficient ventilation, wear suitable respiratory equipment. Wear personal protective equipment. Avoid contact with skin and eyes.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Remove contaminated clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures: Store in original container.

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

Incompatible products: Odour agents. Strong acids, strong oxidants.

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 that there is a suitable ventilation system. Provide appropriate exhaust ventilation at places of dust forming. Handle in accordance with good industrial hygiene and safety practice.

**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. In case of repeated or prolonged contact wear gloves

<table>
<thead>
<tr>
<th>Type</th>
<th>Material</th>
<th>Permeation</th>
<th>Thickness (mm)</th>
<th>Penetration</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemically resistant</td>
<td>Nitrile rubber (NBR), Butyl</td>
<td></td>
<td></td>
<td></td>
<td>EN 374</td>
</tr>
<tr>
<td>protective gloves</td>
<td>rubber</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Type</th>
<th>Use</th>
<th>Characteristics</th>
<th>Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety glasses</td>
<td>Dust</td>
<td></td>
<td>EN 166</td>
</tr>
</tbody>
</table>

**Skin and body protection:**
Wear suitable protective clothing

**Respiratory protection:**
Wear suitable respiratory equipment in case of insufficient ventilation. 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:** Powder.
- **Colour:** Grey.
- **Odour:** Product (article) characteristics.
- **Odour threshold:** No data available
**POLYMUST® DC**  
Safety Data Sheet  
according to Regulation (EU) 2015/830

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>pH</strong></td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butylacetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative vapour density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility</td>
<td>partly soluble.</td>
</tr>
<tr>
<td>Log Pow</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>No data available</td>
</tr>
<tr>
<td>Explosive limits</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**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. Keep away from strong oxidizers.

**10.4. Conditions to avoid**  
Avoid dust formation. Heat. flames or sparks. Moisture.

**10.5. Incompatible materials**  
Oxidation agents.
10.6. Hazardous decomposition products
See Heading 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity (oral)</td>
<td>Not classified</td>
</tr>
<tr>
<td>Acute toxicity (dermal)</td>
<td>No data available, however by analogy, this product is considered to be slightly irritating to the skin</td>
</tr>
<tr>
<td>Acute toxicity (inhalation)</td>
<td>May cause allergy or asthma symptoms or breathing difficulties if inhaled.</td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Not classified</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>May cause eye-irritation of susceptible persons</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Did not cause sensitisation</td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Not classified</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not classified (Based on available data, the classification criteria are not met)</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

12.1. Toxicity

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecology - general</td>
<td>The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.</td>
</tr>
<tr>
<td>Acute aquatic toxicity</td>
<td>Not classified</td>
</tr>
<tr>
<td>Chronic aquatic toxicity</td>
<td>Not classified</td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not relevant.</td>
</tr>
</tbody>
</table>
12.3. Bioaccumulative potential

| POLYMU® STDC | Bioaccumulative potential | Not relevant. |

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 : No other effects known.
Additional information : Do not allow to enter drains or water courses

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Regional legislation (waste) : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector’s sorting instructions. Avoid dust formation. Recycling is preferred to disposal or incineration.
Ecology - waste materials : Avoid release to the environment.

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

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
Contains no REACH Annex XIV substances
15.1.2. National regulations

**Germany**
Reference to AwSV : Water hazard class (WGK) 3, severe hazard to water (Classification according to AwSV, Annex 1)

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

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

**SECTION 16: Other information**

<table>
<thead>
<tr>
<th>Indication of changes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revision - See : *</td>
</tr>
</tbody>
</table>

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.