

In accordance with Regulation (EC)  
No. 453/2010  
Date of issue: 11/2020  
Version: 1.0

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier:

Product Name: ELAREM™ Prime  
Product Numbers: PR10611 | PR11011

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

Relevant identified uses: For *in vitro* and manufacturing use only.  
Not for direct therapeutic, drug, household or other use.  
Uses advice against: No additional information available

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

PL BioScience GmbH  
Technology Centre Aachen  
Dennewartstraße 25-27  
52068 Aachen, Germany  
Phone +49 241 957 19-100  
Fax +49 241 957 19-109  
E-mail [info@pl-bioscience.com](mailto:info@pl-bioscience.com)  
Web [www.pl-bioscience.com](http://www.pl-bioscience.com)

### 1.4 Emergency telephone number:

Emergency number: +49 241 957 19-100

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture:

Classification according to Regulation (EC) 1272/2008, the product is not classified as hazardous

### 2.2 Label elements:

Label elements according to Regulation (EC) 1272/2008, the product does not need to be labelled

### 2.3 Other hazards:

Not hazardous

## CAUTION!

Handle as if capable of transmitting infectious agents. When handling, follow appropriate guidelines in accordance with good laboratory hygiene and safety protocols. Appropriate clothing should be worn to limit exposure to eyes, skin, and mucous membranes. Wash hands after use.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1 Substances:** Organic compound  
**Product Description:** Human platelet proteins isolated from human platelet component  
**CAS Number:** None  
**EC Number:** None  
**Annex I Index Number:** None
- 3.2 Mixtures:**  
 Information not required

## SECTION 4: FIRST AID MEASURES

- 4.1 Description of first aid measures:**
- General Information:** Consult a doctor in case of discomfort with this Security Data Sheet.
- Skin Contact:** Rinse with soap and plenty of water after each contact.  
 If symptoms arise, consult a physician.
- Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. If symptoms occur, consult a physician.
- Ingestion:** Never give anything by mouth to an unconscious person.  
 Wash out mouth with water. Do not induce vomiting without medical advice. If swallowed consult a physician.
- Inhalation:** Move to fresh air. If symptoms persist, consult a physician. If not breathing, give artificial respiration.
- 4.2 Most important symptoms and effects, both acute and delayed:**  
 Acute and delayed effects are indicated in section 11.
- 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: use extinguishing media appropriate for surrounding fire.
- 5.2 Special hazards arising from the substance or mixture:**
- Fire hazard:** Not flammable.
- Explosion hazard:** Product is not explosive.
- Reactivity:** Stable at ambient temperature and under normal conditions of use.
- 5.3 Advice for fire fighters:**
- Precautionary measures fire:** Exercise caution when fighting any chemical fire.
- Firefighting instructions:** Use water spray or fog for cooling exposed containers.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel: Use personal protective equipment. Avoid contact with eyes and skin.  
For emergency responders: Use personal protective equipment. Avoid contact with eyes and skin.

### 6.2 Environmental precautions:

This product is not classified as dangerous to the environment. Keep product away from drains, surface and underground water.

### 6.3 Methods and material for containment and cleaning up:

Methods and material for containment: Soak up with inert absorbent material.  
After clean-up, disinfect affected area.  
Deposit in appropriate containers for removal and disposal.

Methods and material for cleaning up: Soak up with inert absorbent material.  
After clean-up, disinfect affected area.  
Deposit in appropriate containers for removal and disposal.

### 6.4 Reference to other sections:

See sections 8 and 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for safe handling:

Recommendations shall be specified to: Avoid contact with skin, eyes and clothing.  
Wear personal protective equipment.  
Keep away from heat. Keep away from sources of ignition.  
Ground all equipment containing material.

Advice on general occupational hygiene shall be provided:

Avoid contact with skin, eyes and clothing.  
Wear personal protective equipment.  
Ground all equipment containing material.  
Remove contaminated, saturated clothing immediately.  
Do not eat, drink or smoke when using this product.

### 7.2 Conditions for safe storage, including any incompatibilities:

Storage conditions: Keep container tightly closed. Keep container in a dry, cool, well-ventilated area.  
Store at -20°C

### 7.3 Specific end use(s):

Except for the instructions already specified it is not necessary to provide any special recommendation regarding the uses of this product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters:

Substances whose occupational exposure limits have to be monitored in the work environment.  
 There are no environmental limits for the substances contained in the product.

- 8.2 Exposure controls: None  
 Appropriate engineering controls: None  
 Information on System Design: None

### Personal Protective Equipment:

Respiratory Protection: No.  
 Hand Protection: Use protective gloves.  
 Eye Protection: Goggles.  
 Skin Protection: No.  
 Further Information: The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.  
 Thermal hazards: None.  
 Environmental exposure controls: None.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance: Liquid  
 Odour: Non-applicable  
 Odour threshold: Non-applicable  
 pH: 7.0-9.0  
 Melting point: Non-applicable  
 Initial boiling point: Non-applicable  
 Boiling range: Non-applicable  
 Flash point: Non-applicable  
 Evaporation rate: Non-applicable  
 Flammability (solid, gas): Non-applicable  
 Upper flammability limits: Non-applicable  
 Lower flammability limits: Non-applicable  
 Vapour pressure: Non-applicable  
 Vapour density: Non-applicable  
 Relative density: Non-applicable  
 Solubility: Soluble  
 Auto-ignition temperature: Non-applicable  
 Decomposition temperature: Non-applicable  
 Viscosity: Non-applicable

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Explosive properties: Non-applicable  
 Oxidising properties: Non-applicable

### 9.2 Other information:

Thermal decomposition: Non-applicable  
 Vapour density: Non-applicable  
 Evaporation rate: Non-applicable  
 Surface tension at 20°C: Non-applicable  
 Refraction index: Non-applicable

## SECTION 10: STABILITY AND REACTIVITY

10.1 **Reactivity:** No hazardous reactions are expected.  
 10.2 **Chemical stability:** Stable at normal conditions.  
 10.3 **Possibility of hazardous reaction:** None  
 10.4 **Conditions to avoid:** No dangerous reaction known under conditions of normal use.  
 10.5 **Incompatible materials:** No data available.  
 10.6 **Hazardous decomposition:** No dangerous decomposition products when properly handled.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

#### Mixtures

#### Acute toxicity:

Skin corrosion/irritation: May cause skin irritation in susceptible person  
 Serious eye damage/irritation: May cause eye irritation in susceptible person  
 Inhalation: May be harmful if inhaled  
 Ingestion: May be harmful if swallowed

#### Subacute/Chronic toxicity:

Carcinogenicity: Not classified  
 Mutagenicity: Not classified  
 Teratogenicity: Not classified  
 Narcotic effects: Not classified  
 Reproductive effects: Not classified  
 Developmental effects: Not classified

#### Ingredients:

Acute toxicity: Not classified  
 Subacute/Chronic toxicity: Not classified  
 Other adverse effects: Toxicological properties have not been thoroughly investigated.  
 Target organ effects: No known effects under normal use conditions

## SECTION 12: ECOLOGICAL INFORMATION

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- |      |  |                               |
|------|--|-------------------------------|
| 12.1 | <b>Toxicity:</b>   | No information available      |
| 12.2 | <b>Persistence and degradability:</b>                                  | The product is biodegradable. |
| 12.3 | <b>Bioaccumulative potential:</b>                                      | Does not bioaccumulate.       |
| 12.4 | <b>Mobility in soil:</b>   | Does not bioaccumulate.       |
| 12.5 | <b>Results of PBT and vPvB assessment:</b>                             |                               |
|      | Persistent, bioaccumulative and toxic substances (PBT-substances):     | None.                         |
|      | Very persistent and very bioaccumulative substances (vPvB-substances): | None.                         |
| 12.6 | <b>Other adverse effects:</b>  | None.                         |

## SECTION 13: DISPOSAL CONSIDERATIONS

- |      |                                 |   |
|------|---------------------------------|---|
| 13.1 | <b>Waste treatment methods:</b> | Dispose of in accordance with local, regional, national, provincial, territorial and international regulations. |
|------|---------------------------------|---|

## SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

- |      |  |   |
|------|--|---|
| 14.1 | <b>UN number:</b>  | Not classified as dangerous in the meaning of transport regulations |
| 14.2 | <b>UN proper shipping name:</b>  | Not classified as dangerous in the meaning of transport regulations |
| 14.3 | <b>Transport hazard class(es):</b>   | Not classified as dangerous in the meaning of transport regulations |
| 14.4 | <b>Packing group:</b>  | Non-applicable  |
| 14.5 | <b>Environmental hazards:</b>  | Non-applicable  |
| 14.6 | <b>Special precautions for user:</b>   | Non-applicable  |
| 14.7 | <b>Transport in bulk according to AnnexII of MARPOL73/78 and the IBC Code:</b> | Non-applicable  |

## SECTION 15: REGULATORY INFORMATION

- |      |  |  |
|------|--|--|
| 15.1 | <b>Safety, health and environmental regulations/legislation specific for the substance or mixture:</b> | No known hazards.<br>No REACH Annex XVII restrictions.<br>Contains no REACH candidate substance. |
| 15.2 | <b>Chemical safety assessment:</b>   | No chemical safety assessment has been carried out   |

## SECTION 16: OTHER INFORMATION

For *in vitro* and manufacturing use only. Not for direct therapeutic, drug, household or other use. The above information is believed to be correct to the best of our knowledge but does not purport to be all-inclusive and shall be used only as a guide. It does not represent any guarantee of the properties of the product. All materials and mixtures may present unknown hazards and should be used with caution. PL BioScience GmbH shall not be held liable for any direct, indirect, consequential or incidental damages resulting from handling or from contact with the above product.