

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

### 1.1. Products identifiers

Product Name: Anti-Progesterone antibody, anti-rabies antibody clone D1-25 biotinylated, anti-rabies virus mouse monoclonal antibody clone D1-25 purified, anti-rabies virus mouse monoclonal antibody clone 1112-1 purified, rabbit polyclonal serum anti-host cell proteins (CHO cells, *Escherichia coli* cells and HEK 293 cells)

Catalog number: RDB-prog, RDB-D1-25b, RDB-D1-25p, RDB-1112-1p, RDB-HCPc, HCPecoli and HCPH.

It has been determined that the components are not classified as hazardous chemicals due to their physical and/or chemical nature and/or concentration in solution.

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

Identified Uses: For Research Only

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

Company:	RD-BIOTECH S.A.S.	Phone: +33 3 81 53 88 37
	Technopole TEMIS Santé	Internet: <a href="http://www.rd-biotech.com">www.rd-biotech.com</a>
	18 rue Françoise Dolto	Email address: <a href="mailto:info@rd-biotech.com">info@rd-biotech.com</a>
	F-25000 BESANCON	

### 1.4. Emergency Telephone Number

Emergency phone: ORFILA (INRS): + 33 (0) 1 45 42 59 59  
CHEMTREC France: 33-975181407  
CHEMTREC (worldwide): +1 703-741-5970 / 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

Not a hazardous substance or mixture according to regulation (EC) N° 1272/2008.

### 2.2. Label elements

Not a hazardous substance or mixture according to regulation (EC) N° 1272/2008.

### 2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS IDENTIFICATION

#### 3.1. Mixtures

No components need to be disclosed according to the applicable regulations.

---

### 4. FIRST AID MEASURES

#### 4.1. Description of first-aid measures

**If inhaled:** fresh air.

**In case of skin contact:** take off immediately all contaminated clothing. Rinse skin with water/shower.

**In case of eye contact:** rinse out with plenty of water. Remove contact lenses.

**In swallowed:** make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

See sections 2.2 and 11.

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

No data available.

---

### 5. FIREFIGHTING MEASURES

#### 5.1. Extinguishing media

**Suitable extinguishing media:** use extinguishing measures that are appropriate to local circumstances and surrounding environment.

**Unsuitable extinguishing media:** for this substance/mixture no limitations of extinguishing agents are given.

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

Not combustible. Ambient fire may liberate hazardous vapors.

#### 5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.

#### 5.4. Further information

Suppress (knock down) gases/vapors/mists with a water spray jet. Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

### 6. ACCIDENTAL RELEASE MEASURES

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

Advice for non-emergency personnel: do not breath vapors, aerosols. Evacuate the danger area, observe emergency procedures, consult an expert.

For personal protection see section 8.



[www.rd-biotech.com](http://www.rd-biotech.com)

RD-Biotech S.A.S.  
Technopole TEMIS Santé  
18, rue Françoise Dolto  
25000 Besançon - France

ISO 9001:2015 certification  
RESEARCH TAX CREDIT  
APE 7211Z

Tél: +33 (0)3 81 53 88 37  
Fax: +33 (0)3 81 53 89 65  
Email: [info@rd-biotech.com](mailto:info@rd-biotech.com)  
SIREN: 442 804 266  
TVA: FR 41442804266

A company of the group



[www.mabexperts.com](http://www.mabexperts.com)

## 6.2. Environmental precautions

Do not let product enter drains.

## 6.3. Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pumps off spills. Observe possible material restrictions (see sections 7 and 10). Take up with liquid-absorbent material (e.g. Chemizorb®). Dispose of properly. Clean up affected area.

## 6.4. Reference to other sections

For disposal see section 13.

---

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

See section 2.2.

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

Recommended storage temperature see product label.

**Storage class:** TRGS 510: 12: non-combustible liquids.

### 7.3. Specific end use (s)

Uses mentioned in section 1.2.

---

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Ingredients with workplace control parameters.

### 8.2. Exposure controls

**Personal protective equipment:**

Eye/face protection: use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US° or EN 166(EU). Safety glasses.

Skin protection: not required.

Respiratory protection: not required; except in case of aerosol formation.

Control of environmental exposure: do not let product enter drains.

---

## 9. PHYSICAL AND CHEMICALS PROPERTIES

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

<b>Appearance:</b>	Form: liquid Color: clear, colorless
<b>Odor:</b>	No data available
<b>Odor threshold:</b>	No data available
<b>pH:</b>	No data available



[www.rd-biotech.com](http://www.rd-biotech.com)

RD-Biotech S.A.S.  
Technopole TEMIS Santé  
18, rue Françoise Dolto  
25000 Besançon - France

ISO 9001:2015 certification  
RESEARCH TAX CREDIT  
APE 7211Z

Tél: +33 (0)3 81 53 88 37  
Fax: +33 (0)3 81 53 89 65  
Email: [info@rd-biotech.com](mailto:info@rd-biotech.com)  
SIREN: 442 804 266  
TVA: FR 41442804266

A company of the group



[www.mabexperts.com](http://www.mabexperts.com)

<b>Melting/freezing point:</b>	No data available
<b>Initial boiling point and boiling range:</b>	No data available
<b>Flash point:</b>	Not applicable
<b>Evaporation rate:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Vapor pressure:</b>	No data available
<b>Vapor density:</b>	No data available
<b>Density:</b>	No data available
<b>Relative density:</b>	No data available
<b>Water solubility:</b>	Soluble
<b>Partition coefficient (n-octanol/water):</b>	No data available
<b>Auto-ignition temperature:</b>	Not applicable
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
<b>Explosive properties:</b>	Not classified as explosive
<b>Oxidizing properties:</b>	None

## 9.2. Other safety information

No data available.

---

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

The product is chemically stable under standard conditions (room temperature).

### 10.3. Possibility of hazardous reactions

Violent reactions possible with: the generally known reaction partners of water.

### 10.4. Conditions to avoid

No information available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

In the event of fire: see section 5.



[www.rd-biotech.com](http://www.rd-biotech.com)

RD-Biotech S.A.S.  
Technopole TEMIS Santé  
18, rue Françoise Dolto  
25000 Besançon - France

ISO 9001:2015 certification  
RESEARCH TAX CREDIT  
APE 7211Z

Tél: +33 (0)3 81 53 88 37  
Fax: +33 (0)3 81 53 89 65  
Email: [info@rd-biotech.com](mailto:info@rd-biotech.com)  
SIREN: 442 804 266  
TVA: FR 41442804266

A company of the group



[www.mabexperts.com](http://www.mabexperts.com)

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### Mixture

#### Acute toxicity:

Oral: No data available; Inhalation: No data available; Dermal: No data available

#### Skin corrosion/irritation:

No data available

#### Serious eye damage/eye irritation:

No data available

#### Respiratory or skin sensitization:

No data available

#### Germ cell mutagenicity:

No data available

#### Carcinogenicity:

No data available

#### Reproductive toxicity:

No data available

#### Specific target organ toxicity - single exposure:

No data available

#### Specific target organ toxicity - repeated exposure:

No data available

#### Aspiration hazard:

No data available.

### 11.2. Additional information

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

---

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

#### Mixture

No data available.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.



[www.rd-biotech.com](http://www.rd-biotech.com)

RD-Biotech S.A.S.  
Technopole TEMIS Santé  
18, rue Françoise Dolto  
25000 Besançon - France

ISO 9001:2015 certification  
RESEARCH TAX CREDIT  
APE 7211Z

Tél: +33 (0)3 81 53 88 37  
Fax: +33 (0)3 81 53 89 65  
Email: [info@rd-biotech.com](mailto:info@rd-biotech.com)  
SIREN: 442 804 266  
TVA: FR 41442804266

A company of the group



[www.mabexperts.com](http://www.mabexperts.com)

### 12.5. Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### 12.6. Endocrine disrupting properties

No data available.

### 12.7. Other adverse effects

No data available.

---

## 13. DISPOSAL CONSIDERATIONS

### 1.1. Waste disposal methods

Sewage disposal is discouraged. Waste should not be disposed of by release to sewers. Dispose waste in accordance with federal, state and local environmental control regulations.

#### Product/Packaging Disposal

Final decisions on the appropriate waste management method must be in line with local, regional and national regulation.

#### Other Disposal Recommendations

No relevant data available

---

## 14. TRANSPORT INFORMATION

### 14.1. Un number

ADR/RID: - IMDG: - IATA: -

### 14.2. Un proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### 14.3. Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

### 14.4. Packaging group

ADR/RID: - IMDG: - IATA: -

### 14.5. Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

### 14.6. Special precautions for user

#### Further information

Not classified as dangerous in the meaning of transport regulations.



[www.rd-biotech.com](http://www.rd-biotech.com)

RD-Biotech S.A.S.  
Technopole TEMIS Santé  
18, rue Françoise Dolto  
25000 Besançon - France

ISO 9001:2015 certification  
RESEARCH TAX CREDIT  
APE 7211Z

Tél: +33 (0)3 81 53 88 37  
Fax: +33 (0)3 81 53 89 65  
Email: [info@rd-biotech.com](mailto:info@rd-biotech.com)  
SIREN: 442 804 266  
TVA: FR 41442804266

A company of the group



[www.mabexperts.com](http://www.mabexperts.com)

---

## 15. REGULATORY INFORMATION

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

This material safety data sheet complies with the requirements of regulation (EC) n° 1907/2006.

### 15.2. Chemical safety assessment

For this product a chemical safety assessment was not carried out.

---

## 16. OTHER INFORMATION

This company shall not be held liable for any damage resulting from handling or from contact with the above product. This material must only be handled by suitably qualified experienced scientists in appropriately equipped and authorized facilities. The above information is believed to be correct but does not purport to be all inclusive and should be used as a guide only for experienced personnel. Always consult your safety advisor and follow appropriate local and national safety legislature. The absence of warning must not, under any circumstance, be taken to mean that no hazard exists.



[www.rd-biotech.com](http://www.rd-biotech.com)

RD-Biotech S.A.S.  
Technopole TEMIS Santé  
18, rue Françoise Dolto  
25000 Besançon - France

ISO 9001:2015 certification  
RESEARCH TAX CREDIT  
APE 7211Z

Tél: +33 (0)3 81 53 88 37  
Fax: +33 (0)3 81 53 89 65  
Email: [info@rd-biotech.com](mailto:info@rd-biotech.com)  
SIREN: 442 804 266  
TVA: FR 41442804266

*A company of the group*



[www.mabexperts.com](http://www.mabexperts.com)