

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010
Date of issue/revision: January 7th, 2016

Progesterone

1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation

Progesterone

The reagent is part of the following catalogue numbers:

K00225
K00225V
K00225LV

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

General use: Laboratory reagent for in-vitro diagnostics in human samples

1.3 Details of the supplier of the safety data sheet

<u>Company name:</u>	Dialab Produktion und Vertrieb von chemisch – technischen Produkten und Laborinstrumenten Ges.m.b.H
<u>Street:</u>	Hondastraße, Objekt M55, IZ-NÖ Süd
<u>Postal code, city, state:</u>	A-2351 Wr. Neudorf, Österreich
<u>World Wide Web:</u>	www.dialab.at
<u>E-mail:</u>	office@dialab.at
<u>Telephone:</u>	+43 (0)2236 660910-0
<u>Telefax:</u>	+43 (0)2236 660910-30
<u>Dept. Responsible for information:</u>	+43 (0)2236 660910-0

1.4. Emergency telephone number

Vienna General Hospital, Toxication Centre, phone: +43-(0)1-4064343

2. Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Directive 1272/2008/EC:

Due to the low concentration of hazardous ingredients, none of the listed components of this product may be classified as dangerous according to Directive 1272/2008/EC.

2.2 Label elements:

Labelling (1272/2008/EC):

This product is not under labelling according to Directive 1272/2008.

2.3 Other hazards:

PBT assessment: No data available.

vPnB assessment: No data available

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010

Progesterone

3. Composition / information on ingredients

3.1 Substances

Stop Solution				
Ingredient	EC No	CAS No	Conc (w/v)	Reg 1272/2008
Sulphuric acid	231-639-5	7664-93-9	< 5%	H314

3.2 Mixtures

Proclin 300 is a mixture of two substances (5-chloro-2-methyl-2H-isothiazol-3-one (EC 247-500-7) and 2-methyl-2H-isothiazol-3-one (EC 220-239-6)) mixed with the proportion 3:1.

Calibrators – Control – Conjugate – TMB Substrate – Conc. Wash Solution				
Ingredient	EC No	CAS No	Conc (w/v)	Reg 1272/2008
Proclin 300	-	55965-84-9	< 0.0015%	H302 – H314 H317 – H332 H400 – H411

3.3 Other information

This product does not contain substances to be mentioned according to EU regulation 1272/2008.

4. First aid measures

4.1 Description of first aid measures

<u>General advice:</u>	No special measures required. Consult a physician in case of complaints.
<u>After inhalation:</u>	Supply fresh air.
<u>After skin contact:</u>	Wash with plenty amounts of water.
<u>After eye contact:</u>	Rinse opened eye for few minutes with water.
<u>After swallowing:</u>	Contact a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical and toxicological properties have not been investigated.

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: No restriction.

Unsuitable extinguishing media: No restriction.

5.2 Special hazards arising from the substance or mixture

To the best of our knowledge, no defined special hazards are known.

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010

Progesterone

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting, if necessary.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Advice for non-emergency personnel: Use appropriate personal protective equipment.

Advice for emergency responders: Use appropriate personal protective equipment.

6.2 Environmental precautions

Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up

When spilled, absorb with an inert absorbent material and put the spilled material in an appropriate waste disposal.

6.4 Reference to other section

For disposal, see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling: Use all reagents according to the Instruction of Use provided with the product.

General protective and hygiene measures: Use all reagents according to the Instruction of Use provided with the product.

Advice on protection against fire and explosion:
Use all reagents according to the Instruction of Use provided with the product.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:
Store all reagents according to the Instruction of Use provided with the product.

Recommended storage temperature: 2 – 8 °C

7.3 Specific end use(s)

This product is intended for laboratory use by professional users only.

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010

Progesterone

8. Exposure controls/personal protection

8.1 Control parameters

Component with exposure limits: they do not contain substances with exposure limit value.

8.2 Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.
Wash hands before breaks and at the end of workday.

Personal protective equipment

Respiratory protection:

Not required

Eye/face protection:

Wear protective glasses UN EN 166 (and subsequent updates), or other international standard certification.

Skin protection:

Wear protective lab coat and gloves with UN EN 374 (and subsequent updates)m, or other international certification.

Body protection:

Wear lab coat.

Environmental exposure controls

No data available.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Physical state:

liquid.

Odour:

None

pH value:

Calibrators, Controls: pH 7.5

Conjugate: pH 5.6

Wash Solution: pH 7.5

Substrate Solution: pH 3.2 – 3.8

Stop Solution < 1

Boiling point:

No data available.

Melting point:

No data available.

Decomposition point:

No data available.

Flash point:

No data available.

Auto-ignition temperature:

No data available.

Oxidising properties:

No data available.

Explosive properties:

No data available.

Flammability:

No data available.

Lower flammability or explosive limits:

No data available.

Upper flammability or explosive limits:

No data available.

Vapour pressure:

No data available.

Vapour density:

No data available.

Evaporation rate:

No data available.

Relative density:

No data available.

Solubility in water:

No data available.

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010

Progesterone

<u>Solubility:</u>	No data available.
<u>Partition coefficient:</u>	No data available.
<u>Viscosity:</u>	No data available.
<u>Other information:</u>	No data available.

9.2 Other information

No data available

10. Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stability of the components is given on the labels.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

For the functional stability and reactivity of the Substrate Solution, avoid its exposure to directed sunlight, metals or oxidants and do not freeze the solution.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No data available.

11. Toxicological information

11.1 Information on toxicological effects

<u>Acute oral toxicity:</u>	No data available.
<u>Acute dermal toxicity:</u>	No data available.
<u>Acute inhalation toxicity:</u>	No data available.
<u>Skin irritation:</u>	No data available.
<u>Eye irritation:</u>	No data available.
<u>Respiratory or skin sensitization:</u>	No data available.
<u>Germ cell mutagenicity:</u>	No data available.
<u>Reproduction toxicity:</u>	No data available.
<u>Carcinogenicity:</u>	No data available.
<u>Stot-single exposure:</u>	No data available.
<u>Stot-repeated exposure:</u>	No data available.
<u>Aspiration hazard:</u>	No data available.

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010

Progesterone

11.2 Further information

No data available.

12. Ecological information

12.1 Toxicity

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.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

No data available.

13. Disposal considerations

13.1 Waste treatment methods

Product

Reagents must be disposed in accordance with local regulations. Do not dispose of in waste water. If appropriate, contact a licensed disposal company.

Contaminated packaging:

Disposal of packaging according to the instructions of the public authorities.

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010

Progesterone

14. Transport information

14.1 UN number

No data available.

14.2 UN proper shipping name

No data available.

14.3 Transport hazard class(es)

No data available.

14.4 Packing group

No data available.

14.5 Environmental hazards

No data available.

14.6 Special precautions for user

No data available.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available.

15. Regulatory information

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

EU regulations:

This product is not classified according to EU regulations 1272/2008. No labeling requirements.

15.2 Chemical Safety Assessment

No data available.

16. Other information

Reason of Change:

Revision according to EC regulation 1272/2008 (CLP).

List of H-phrases:

H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H332	Harmful if inhaled.

EU Safety Data Sheet



According to Regulation (EU) No. 1907/2006 (REACH) and Regulation (EU) No. 453/2010

Progesterone

H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Group that issues data sheet

Contact person: see section 1, department responsible for information.

Dialab GmbH provides the information in this data sheet in good faith, declaring it is up-to-date at time of revision. However, this document is intended only as a guide for professional use, according to the intended purposes of the product. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.

The product is for in vitro diagnostic use only by trained personnel.

Version: 2
Revision date: January 7th, 2016