

Safety Data Sheet

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

1.1 Product identifier

This Safety data sheet is valid for the following product: Olink® Reveal – Sample prep kit (Art no 96200B); Olink® Reveal PCR Solution (Art no 89001), Olink® Reveal Enzyme A (Art no 89006), Olink® Reveal Enzyme B (Art no 89007), Olink® Reveal Sample Buffer (Art no 89008).

Observe distinctions between different Olink Reveal kit parts throughout the safety data sheet.

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

Relevant identified uses: Research use only.
Uses advised against: Only for laboratory use.

1.3 Details of the supplier of the safety data sheet

Olink Proteomics AB
Salagatan 16F
SE-753 30 Uppsala, SWEDEN
+46 18 444 39 70
www.olink.com info@olink.com

1.4 Emergency telephone number

112 (In Sweden, ask for "Giftinformationscentralen")

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

None of the components in this product are considered hazardous according to EG no 1272/2008 CLP.

2.2 Label elements

According to EG no 1272/2008 CLP

Hazard pictograms:	Not applicable
Signal words:	Not applicable
Hazard statements:	Not applicable
Precautionary statement:	Not applicable
Supplemental label elements:	Not applicable

2.3 Other hazards

The product does not contain substances classified PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Olink® Reveal PCR Solution (Art no 89001):

Substance	EC no	Reg. no	CAS no	Conc. %	Pictogram	Hazard statement	Category
Not applicable	-	-	-	-	-	-	-

Olink® Reveal Enzyme A (Art no 89006)

Substance	EC no	Reg. no	CAS no	Conc. %	Pictogram	Hazard statement	Category
Not applicable	-	-	-	-	-	-	-

Olink® Reveal Enzyme B (Art no 89007)

Substance	EC no	Reg. no	CAS no	Conc. %	Pictogram	Hazard statement	Category
Not applicable	-	-	-	-	-	-	-

Olink® Reveal Sample Buffer (Art no 89008)

Substance	EC no	Reg. no	CAS no	Conc. %	Pictogram	Hazard statement	Category
Not applicable	-	-	-	-	-	-	-

SECTION 4: First aid measures

4.1 Description of first aid measures

General recommendations

Keep the person warm and calm. Don't give anything to eat or drink if the person is unconscious. In cases of doubt or when symptoms persist, seek medical attention. Show this safety data sheet to the doctor.

Eye contact

Flush thoroughly with water or physiological salt water. Remember to remove contact lenses. If irritation persists, seek medical advice.

Skin Contact

Remove contaminated clothing and wash affected skin with soap and water. Seek medical attention if irritation develops.

Inhalation

If inhaled, remove victim to fresh air. If difficulty breathing, support breathing, give oxygen and obtain medical attention. If not breathing, give artificial respiration.

Ingestion

If swallowed, call a physician immediately. Do not induce vomiting unless directed by medical personnel. Do not give anything to drink unless directed by medical personnel. Never give anything by mouth to an unconscious person. Notify medical personnel and supervisor.

4.2 Most important symptoms and effects, both acute and delayed

See section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Medical conditions aggravated by exposure: None known or reported.

Treat symptomatically and supportively.

SECTION 5: Firefighting measures

The products are not classified as flammable.

5.1 Extinguishing media

Choose extinguishing media dependent on what is on fire in the vicinity, CO₂, dry chemicals, foam or water.

5.2 Special hazards arising from the substance or mixture

None known.

5.3 Advice for firefighters

If necessary, wear self-contained breathing apparatus for firefighting.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective gloves. Avoid inhalation.

6.2 Environmental precautions

Prevent releases to enter sewer and watercourses.

6.3 Methods and material for containment and cleaning-up

Spills should be collected with absorbing material (vermiculite, sand or similar) and put in a sealed container. Thoroughly clean the area with an appropriate solvent.

6.4 Reference to other sections

See sections 8 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handle with care to avoid microbial contamination. Do not eat, drink or smoke while using the product. Wash hands after use. Avoid contact with eyes and skin. Do not breathe vapors/mist/spray.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed and ensure it is labelled appropriately.

See further instructions in the User Manual for the product and store as directed by the product packaging.

7.3 Specific end use(s)

Only for laboratory use - Research use only

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits Sweden (AFS 2023:14) Gränsvärden för luftvägsexponering i arbetsmiljön.

Substance	Long-term exposure limit (8h) ppm / mg/m ³	Short-term exposure limit (15 min) ppm / mg/m ³	Note
-	-	-	-

8.2 Exposure controls

Personal protection

No special equipment is required in intended conditions of normal use.

Respiratory protection:	required if there is a risk that fumes are generated.
Hand protection:	wear protective gloves.
Eye protection:	use safety glasses if there is a risk of splashing.
Skin protection:	wear protective clothing.
Work practices:	ensure access to eye wash.

Other protective measures - Wash hands in the event of contact with material, especially before eating, drinking or smoking. Protective equipment is not to be worn outside the work area (e.g., in common areas or out-of-doors).

Environmental exposure controls

See section 12.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Color	Clear, Colorless
Odor	Odorless
pH (at 20 °C)	No information available
Melting point	No information available
Flash point	No information available
Flammability	Not flammable
Boiling point	No information available
Ignition temp	No information available

Density (at 20°C)	No information available
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Viscosity	No information available
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Explosion limit	No information available
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Vapor pressure	No information available
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Decomposition temperature	No information available
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Solubility	No information available
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Partition coefficient	Not applicable
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Relative vapor density	No information available
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Particle characteristics	Not applicable
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9.2 Other information

No information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

Stable during recommended usage- and storing conditions.

10.2 Chemical stability

Stable during recommended usage- and storing conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No data available.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Mixtures

The mixture has not been tested. Likely routes of exposure – skin.

Assessment based on ingredients:

Acute toxicity inhalation/oral/dermal

Based on the available data, the classification criteria cannot be considered to be met.

Skin corrosion/erosion

Based on the available data, the classification criteria cannot be considered to be met.

Serious eye damage/irritation

Based on the available data, the classification criteria cannot be considered to be met.

Skin sensitization

Based on the available data, the classification criteria cannot be considered to be met.

Respiratory sensitization

Based on the available data, the classification criteria cannot be considered to be met.

Carcinogenicity

Based on the available data, the classification criteria cannot be considered to be met.

Toxicity for reproduction

Based on the available data, the classification criteria cannot be considered to be met.

Specific target organ toxicity – single exposure

Based on the available data, the classification criteria cannot be considered to be met.

Specific target organ toxicity – repeated exposure

Based on the available data, the classification criteria cannot be considered to be met.

Aspiration hazard

Based on the available data, the classification criteria cannot be considered to be met.

11.2 Information on other hazards

Endocrine disrupting properties

The product contains no substances deemed to be endocrine disrupting to humans according to the Commission's criteria delegated regulation (EU) 2017/2100 or Commission regulation (EU) 2018/605.

Other

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Based on ingredients - the product is not classified toxic to the environment.

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

The product does not contain substances classified PBT or vPvB.

12.6 Endocrine disrupting properties

The product contains no substances deemed to be endocrine disruptors according to the Commission's criteria delegated regulation (EU) 2017/2100 or Commission regulation (EU) 2018/605.

12.7 Other adverse effects.

No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The product is not covered by the regulations on hazardous waste.

Discarded unused product

Observe federal, state and local environmental regulations. Contact a licensed professional waste disposal service.

Suggested EWC code for consideration: 07 05 99

Packaging

Should be disposed of in accordance with national and local regulations.

See further regulations in Avfallsförordningen (SFS 2020:614) with subsequent amendments.

SECTION 14: Transport information

The product is NOT classified as dangerous goods according to ADR/RID/IMO/DGR.

14.1 UN number or ID number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Not applicable.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

The product is harmful to aquatic life with long lasting effects.

14.6 Special precautions for user

None.

14.7 Maritime transport in bulk according to IMO instruments

The product is not transported in bulk.

SECTION 15: Regulatory information

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

Legislation

ADR – European Agreement Concerning the International Carriage of Dangerous goods by Road.
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures (CLP)
DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives
Avfallsförordningen (SFS 2020:614) with subsequent amendments.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

Abbreviations

PBT: persistent, bioaccumulative and toxic

PBT/vPvB: persistent, bioaccumulative and toxic plus very persistent and very bioaccumulative

vPvB: very persistent and very bioaccumulative

Key literature

This SDS is based on information from the manufacturer and databases of hazardous substances (Chemical Substances)

Classification and procedure used to derive the classification for mixtures

The classification of the product is based on classification of the components according to REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

Advice on training

See section 8.

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