Safety Data Sheet

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

1.1 Product identifier
97500 Olink® Explore 384 Inflammation Probe Kit (consists of 87030-87037)
97600 Olink® Explore 384 Oncology Probe Kit (consists of 87038-87045)
97700 Olink® Explore 384 Cardiometabolic Probe Kit (consists of 87046-87053)
97800 Olink® Explore 384 Neurology Probe Kit (consists of 87054-87061)
97510 Olink® Explore 384 Inflammation II Probe Kit (consists of 87062-87069)
97610 Olink® Explore 384 Oncology II Probe Kit (consists of 87070-87077)
97710 Olink® Explore 384 Cardiometabolic II Probe Kit (consists of 87078-87085)
97810 Olink® Explore 384 Neurology II Probe Kit (consists of 87086-87093)

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
Does not meet the criteria for classification according to EG no 1272/2008 CLP.
See section 16 for explanations to hazard statements.

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: EUH208 Contains reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May cause an allergic reaction.
**SECTION 3: Composition/information on ingredients**

### 3.2 Mixtures

The Olink® Explore 384 Probes consists of eight (8) components:
- 4 Forward probes (Art no 87030-87092)
- 4 Reverse probes (Art no 87031-87093)

### Forward & Reverse probes

<table>
<thead>
<tr>
<th>Substance</th>
<th>EC no</th>
<th>Reg. no</th>
<th>CAS no</th>
<th>Conc. %</th>
<th>Pictogram</th>
<th>Hazard statement</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>Triton-X-100</td>
<td>618-344-0</td>
<td>No information available</td>
<td>9002-93-1</td>
<td>0.1</td>
<td>GHS05</td>
<td>H302</td>
<td>Acute Tox. 4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GHS07</td>
<td>H315</td>
<td>Skin Irrit. 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>GHS09</td>
<td>H318</td>
<td>Eye Dam. 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Danger</td>
<td>H410</td>
<td>Aquatic Acute 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(M=10)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 1</td>
</tr>
</tbody>
</table>

| Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 611-341-5 | No information available | 55965-84-9 | 0.035 | GHS05 | H301 | Acute Tox. 3   |
|                                                                                           |         |                          |             |       | GHS06 | H310 | Acute Tox. 2   |
|                                                                                           |         |                          |             |       | GHS09 | H314 | Skin Corr. 1C |
|                                                                                           |         |                          |             |       |       | H317 | Skin Sens. 1A  |
|                                                                                           |         |                          |             |       |       | H318 | Eye Dam. 1     |
|                                                                                           |         |                          |             |       |       | H330 | Acute Tox. 2   |
|                                                                                           |         |                          |             |       |       | H410 | Aquatic Acute 1 |
|                                                                                           |         |                          |             |       |       |     | Aquatic Chronic 1 |

1) See section 16 for explanations to Hazard statements

2) Triton X-100 is included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH). Properties of concern – Endocrine disrupting properties

**SECTION 4: First aid measures**

The information below is applicable to all components in the kit.

### 4.1 Description of first aid measures

**General recommendations**

Keep the person warm and calm. Do not 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.

**Inhalation**

Fresh air.
Consult a doctor if feeling unwell.

**Skin contact**

Wash the skin with soap and water.
**Eye contact**
Rinse the eyes with lukewarm water.
Remove contact lenses.
Contact an eye doctor if symptoms arise and persist.

**Ingestion**
Rinse the mouth with water.
Drink water.
Consult a doctor if feeling unwell.

4.2 Most important symptoms and effects, both acute and delayed

**Skin contact**
May produce an allergic reaction.

**Eye contact**
Eye exposure may cause a slight transient irritation.

4.3 Indication of any immediate medical attention and special treatment needed
No data available.

**SECTION 5: Firefighting measures**

The information below is applicable to all components in the kit.

The product is 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
No known.

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

**SECTION 6: Accidental release measures**

The information below is applicable to all components in the kit.

6.1 Personal precautions, protective equipment, and emergency procedures
Wear protective gloves.
Avoid inhalation.

6.2 Environmental precautions
Prevent release into 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.
Clean the area with water.

6.4 Reference to other sections
See sections 8 and 13.
SECTION 7: Handling and storage

The information below is applicable to all components in the kit.

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 skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities
See instructions 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

The information below is applicable to all components in the kit.

8.1 Control parameters
Workplace exposure limits Sweden (AFS 2018:1)

<table>
<thead>
<tr>
<th>Substance</th>
<th>Long-term exposure limit (8h) ppm / mg/m³</th>
<th>Short-term exposure limit (15 min) ppm / mg/m³</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

8.2 Exposure controls

Personal protection
Respiratory protection – required if there is a risk that dust or 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.

Ensure access to eye wash.

Environmental exposure controls
See section 12.

SECTION 9: Physical and chemical properties

The information below is applicable to all components in the kit.

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>clear liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>colorless</td>
</tr>
<tr>
<td>Odour</td>
<td>no information available</td>
</tr>
<tr>
<td>pH (at 20 ºC)</td>
<td>6.6–6.8</td>
</tr>
<tr>
<td>Melting point</td>
<td>no information available</td>
</tr>
<tr>
<td>Flash point</td>
<td>not flammable</td>
</tr>
<tr>
<td>Flammability</td>
<td>not flammable</td>
</tr>
<tr>
<td>Boiling point</td>
<td>no information available</td>
</tr>
<tr>
<td>Property</td>
<td>Information</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>Ignition temp</td>
<td>no information available</td>
</tr>
<tr>
<td>Density (at 20°C)</td>
<td>no information available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>no information available</td>
</tr>
<tr>
<td>Explosion limit</td>
<td>no information available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>no information available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>no information available</td>
</tr>
<tr>
<td>Solubility</td>
<td>no information available</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>not applicable</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>no information available</td>
</tr>
<tr>
<td>Particle characteristics</td>
<td>not applicable</td>
</tr>
</tbody>
</table>

9.2 Other information
No information available.

## SECTION 10: Stability and reactivity
The information below is applicable to all components in the kit.

### 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 data available.

### 10.6 Hazardous decomposition products
No data available.

## SECTION 11: Toxicological information
The information below is applicable to all components in the kit.

### 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
  No data available.

- Skin corrosion/erosion
  No data available.
Serious eye damage/irritation
No data available.

Respiratory or skin sensitization
May cause an allergic reaction.

Carcinogenicity
Does not contain substances classified as carcinogenic.

Germ cell mutagenicity
Does not contain substances classified as mutagenic.

Toxicity for reproduction
Does not contain substances classified as toxic for reproduction.

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 Information on other hazards
Triton X-100 is included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH). Properties of concern – Endocrine disrupting.

SECTION 12: Ecological information

The information below is applicable to all components in the kit.

The product has not been tested.

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
Triton X-100 is included in the Candidate List of Substances of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH). Properties of concern – Endocrine disrupting.
12.7 Other adverse effects
No data available.

SECTION 13: Disposal considerations
The information below is applicable to all components in the kit.

13.1 Waste treatment methods

Discarded unused product
Discarded unused product is NOT classified as hazardous waste according to EU Directive 2008/98/EC. Observe federal, state and local environmental regulations. Contact a licensed professional waste disposal service.

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

SECTION 14: Transport information
The information below is applicable to all components in the kit.

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 not classified as toxic for the environment.

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
ADR – European Agreement Concerning the International Carriage of Dangerous goods by Road.

15.2 Chemical safety assessment
A chemical safety assessment has not been carried out.

SECTION 16: Other information

Indication of changes
Notable changes in this safety data sheet are indicated with two vertical lines (||) in the left margin.

Explanations to hazard statements
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H410 Very toxic to aquatic life with long lasting effects.

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