

## Oligolink Kit Gold 30 nm – Safety Datasheet MSDS

### SECTION 1: Identification of the substance /mixture and of the Company/undertaking

#### 1.1. Product identifier

**Product name:** OligoLink Kit GOLD 30 nm

**Product number:** Ref No 03000418B, 03000418C & 03000418D

**CAS number:** 7440-57-5

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

**Identified uses:** For R&D use only. Not for drug, household or other uses.

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

**Company:** Nanoimmunotech, S.L.

Edificio Cero Emisiones  
Avenida de la Autonomía 7  
50003 Zaragoza, Spain  
Phone: (+34)976369300  
Email: [info@nanoimmunotech.es](mailto:info@nanoimmunotech.es)

#### 1.3. Emergency telephone number

Emergency Phone: (+34)976369300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Not a Toxic and Hazardous Substance according to OSHA and GHS.

Not aware of any reported health hazards for this product.

##### 2.1.1. Primary Routes of Exposure

Ingestion, dermal contact.

##### 2.1.2. Potential Health Effects

**Ingestion:** May be harmful if ingested.

**Skin:** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes:** May cause eye irritation. Prolonged exposure may cause eye damage.

**Inhalation:** May be harmful if inhaled.

**Chronic Exposures:** Not determined

**Target Organs:** Not determined

**2.2 Label elements:** no data available

**2.3. Other hazards:** no data available

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Gold nanoparticles (as colloid; CAS number: 7440-57-5)

Water (CAS number: 231-791-2)

Sodium phosphate (CAS number: 7601-54-9)

5,5'-dithiobis-(2-nitrobenzoic acid) (CAS number: 69-78-3)

**3.2 Mixtures:** Not applicable.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**Skin contact:** Wash the affected area with large amounts of water. Remove contaminated clothes if necessary. Seek medical assistance if irritation persists.

**Eye contact:** Immediately flush eyes with large amounts of water and seek medical assistance if irritation persists.

**Oral exposure:** If swallowed, wash out with water if the person is conscious.

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

May be irritating to skin, eyes and digestive tract.

**4.3. Indication of any immediate medical attention and special treatment needed:** no data available

### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2. Special hazards arising from the substance or mixture:** no data available

**5.3. Advice for fire-fighters:** no data available

## **SECTION 6: Accidental release measures**

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

Always wear approved safety glasses, protective clothing and gloves when handling this chemical substance.

**6.2. Environmental precautions:** Consult local environmental regulations for proper disposal.

### **6.3. Methods and material for containment and cleaning up**

Small spills of material may be gathered with a wet wipe or swept up with water into a suitable container for disposal.

**6.4. Reference to other sections:** no data available

## **SECTION 7: Handling and storage**

### **7.1. Precautions for safe handling**

Always wear approved safety glasses, protective clothing and gloves when handling this chemical substance.

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

Store at 4°C away from light. Do not freeze.

**7.3. Specific end use(s):** no data available

## **SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters:** no data available

**8.2. Exposure controls:** no data available

## **SECTION 9: Physical and chemical properties**

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

**a) Appearance:** Liquid

**b) Odour:** no data available

**c) Odour Threshold:** no data available

**d) pH:** 7

**e) Melting point/freezing point:** no data available

- f) **Initial boiling point and boiling range:** no data available
- g) **Flash point:** no data available
- h) **Evaporation rate:** no data available
- i) **Flammability (solid, gas):** Not applicable.
- j) **Upper/lower flammability or explosive limits:** no data available
- k) **Vapour pressure:** no data available
- l) **Vapour density:** no data available
- m) **Relative density:** no data available
- n) **Water solubility:** soluble
- o) **Partition coefficient (n-octanol/water):** no data available
- p) **Auto-ignition temperature:** not applicable
- q) **Decomposition temperature:** no data available
- r) **Viscosity:** no data available
- s) **Explosive properties:** No fire or explosion hazard known
- t) **Oxidizing properties:** no data available

## 9.2. Other information

### SECTION 10: Stability and reactivity

- 10.1. **Reactivity:** no data available
- 10.2. **Chemical stability:** no data available
- 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:** Hazardous decomposition products may be formed under fire conditions but no data available.

### SECTION 11: Toxicological information

- 11.1. **Information on toxicological effects:** no data available

### SECTION 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

### **SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

### **SECTION 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. Packing group**

ADR/RID:-IMDG:-IATA:-

**14.5. Environmental hazards**

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

**14.6. Special precautions for user**

No data available

**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

### **SECTION 14: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Approved Code of Practice**

Safety Data Sheets for Substances and Preparations.

## EU Legislation

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/105/EC and 2000/21/EC, including amendments 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

The above information is offered in good faith as accurate, but without guarantee, and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Nanoimmunotech, S. L. shall not be held liable for any damage resulting from handling of from contact with the above product. All risks of use of the product shall be assumed by the user.

Beratung und Vertrieb



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