



**AURION Gold Tracers**  
**Safety Data Sheet: TRA-05/3**

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## **Section 1: Product and Company Identification**

### **1.1 Product identifiers**

Product Name: Aurion Gold Tracers  
Product Numbers: 200.xxx, 206.xxx, 210.xxx, 215.xxx, 225.xxx  
Brand: Aurion  
Reach Number: N/A as the substance, its uses or the annual tonnage are exempt from registration

### **1.2 Identified uses of substance or mixture**

Identified uses: Laboratory chemicals

### **1.3 Company information**

Manufacturer: Aurion ImmunoGold Reagents & Accessories  
Binnenhaven 5, 6709 PD Wageningen,, The Netherlands  
Phone: +31-317-415094, Fax: +31-317-415955, Email: info@aurion.nl  
Chamber of Commerce 09068171 Arnhem. The Netherlands

### **1.3 Emergency phone number**

Emergency Phone # 112 or 911

Date prepared: November 21, 2023  
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## **Section 2: Composition / Ingredients**

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

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

### **2.2. Label elements**

Not a hazardous substance or mixture according to regulation (EC) No. 1272/2008

### **2.3. Other hazards**

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

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## **Section 3: Composition / Ingredients**

### **3.2 Mixtures**

No components need to be disclosed according to applicable regulations

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## **Section 4: First Aid Measures**

### **4.1 Description of first aid measures**

Eye Contact: Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Consult a physician.

Skin Contact: Flush with copious amounts of water for at least 15 minutes. Remove contaminated clothing and shoes. Consult a physician.

Ingestion: Wash out mouth with water, provided person is conscious. Consult a physician.

Inhalation: Move to fresh air. If breathing becomes difficult, consult a physician.

### **4.2 Most important symptoms and effects**

See section 2.2 and section 11

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

No data available

## Section 5: Fire Fighting Measures

### 5.1 Extinguishing Methods

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

### 5.2. Specific Hazard(s)

Nature of decomposition products unknown

### 5.3. Special Fire Fighting Procedures

Wear self-contained breathing apparatus and protective clothing if necessary

### 5.4 Further information

No data available

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## Section 6: Accidental Release Measures

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

Use personal protective equipment. Avoid breathing vapours, mist or gas, Ensure adequate ventilation. For personal protection see section 8.

### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do. Discharge into the environment must be avoided.

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

Absorb on sand or vermiculite and place in closed containers for disposal. Wash spill site after material pickup is complete with copious amounts of water.

### 6.4 Reference to other sections

For disposal see section 13

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## Section 7: Handling and Storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.  
For precautions see section 2.2.

### 7.2 Conditions for safe storage

Minimum / Maximum Storage Temperatures: 0 - 4°C. Avoid freezing.  
Storage: Store in a refrigerator  
Containers which are opened must be carefully resealed and kept upright to prevent leakage

### 7.3 Specific end use(s)

See section 1.2

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## Section 8: Exposure Controls / Personal Protection

### 8.1 Control parameters

### 8.2 Exposure controls

Handle in accordance with Good Laboratory Practice  
Wash hands before breaks and end of workday

### Personal protective equipment

Eye Protection: Use equipment for eye protection tested and approved under appropriate government standards such as EN 166  
Protective Gloves: Chemical-resistant gloves that meet Regulation (EU) 2016/425 and standard EN 374  
Body protection: Impermeable clothing, lab coat  
Respiratory protection: N/A  
Control of environmental exposure: Prevent further leakage or spillage if safe to do so.  
Discharge in the environment should be avoided.



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## Section 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

Appearance: Liquid  
No other data available

### 9.2 Other safety information

No data available

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## Section 10: Stability and Reactivity

### 10.1 Reactivity

No data available

### 10.2 Stability

Stable under recommended storage conditions

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No data available

### 10.5 Incompatible materials

Halogenated hydrocarbon, Strong bases, Acids, Strong oxidizing reagents, strong reducing agents, metals, Halogenated compounds, Acid chlorides, Dimethyl sulfate

### 10.6 Hazardous decomposition products

Hazardous decomposition products: Nature of decomposition products unknown.

Other decomposition products: No data available

In the event of fire: See section 5

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## Section 11: Toxicological Information

### 11.1 Information on toxicological effects

Acute toxicity: N/A

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 component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC

Reproductive toxicity: No data available

Specific target organ toxicity -single exposure-: No data available

Aspiration hazard: No data available

Additional information:

RTECS not available

Sodium azide/hydrazoic acid causes a profound lowering of blood pressure and inhibits cellular respiration. Laboratory experiments in animals have shown sodium azide to produce a profound hypotensive effect, demyelination of myelinated nerve fibers in the central nervous system, testicular damage, blindness, attacks of rigidity and hepatic and cerebral effects. Prolonged exposure can cause nausea, dizziness. To the best of our knowledge the chemical, physical and toxicological properties have not been thoroughly investigated.

### 11.2 Information on other hazards

This product does not contain any known or suspected endocrine disruptors

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**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**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**12.6 Endocrine disrupting properties**

This product does not contain any known or suspected endocrine disruptors

**12.7 Other adverse effects**

Harmful to aquatic life

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**Section 13: Disposal Considerations****13.1 Waste treatment methods**

Product: Offer surplus and non-recyclable solutions to a licensed disposal company

Contaminated packaging: Dispose of as unused product

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**Section 14: Transportation 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 classes**

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: -**

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**Section 15: Regulatory Information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

Commission Regulation (EC) 2020/878 amending Annex II to Regulation (EC) No 1907/2006

**15.2 Chemical safety assesment**

For this product a chemical safety assessment was not carried out



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**Section 16: Other Information**

Laboratory reagent. For research use only. Not for diagnostic or therapeutic use.

AURION makes no warranty of any kind regarding the information furnished herein. These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. Users should independently determine the suitability and completeness of information from all sources. While this data is presented in good faith and believed to be accurate, it should be considered only as a supplement to other information gathered by the user. It is the user's responsibility to assure the proper use and disposal of these materials as well as the safety and health of all personnel who may work with or otherwise come in contact with these materials.