



## **AURION Tween® 20**

### **Material Safety Data Sheet: Tween® 20-03**

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

##### **1.1 Product identifiers**

Product name: Tween® 20

Product codes: 900.044

##### **1.2 Company information**

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: 01 Feb 2016

MSDS number: Tween® 20-03

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#### **Section 2: Composition / Ingredients**

This product contains: Tween® 20

Ingredients: Polyethylene glycol sorbitan monolaurate

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#### **Section 3: Hazards Identification**

Emergency Overview: N/A

Routes of Entry: Inhalation, ingestion and skin absorption.

Effects of (over)exposure: N/A

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#### **Section 4: 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. Call a physician.

Skin Contact: Wash with soap and water

Ingestion: Rinse mouth with water

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

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#### **Section 5: Fire Fighting Measures**

Explosion Hazards: N/A

Flash Point: Not flammable

Flammable Limits: Lower: N/A, Upper: N/A

Autoignition Temperature: N/A

Fire Fighting Media and Instructions: Use water spray, dry chemical or CO2

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N/A= Not applicable

**MSDS Tween® 20**



Specific Hazard(s): Not available

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### **Section 6: Accidental Release Measures**

Evacuation procedures and Safety: Wear rubber gloves.

Cleanup and Disposal of Spill: sweep up and shovel and place in closed containers for disposal. Wash spill site after material pickup is complete with copious amounts of water.

Waste Disposal Methods: According to local guidelines. Observe all local, state and Federal laws.

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### **Section 7: Handling and Storage**

Minimum / Maximum Storage Temperatures: 0 - 37°C (273 - 310K), Preferably between 2 - 8°C (275 - 280K)

Handling: Do not breathe vapors and mists. Do not get on skin or in eyes. Do not ingest. Use handling, storage and disposal procedures that will prevent contamination of water, food or feed.

Storage: Store in a refrigerator

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### **Section 8: Exposure Controls / Personal Protection**

Respiratory Protection: N/A

Ventilation: N/A

Protective Gloves: Compatible chemical-resistant gloves.

Eye Protection: Chemical safety goggles.

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### **Section 9: Physical and Chemical Properties**

Appearance: Yellow liquid

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### **Section 10: Stability and Reactivity**

Stability: Stable under recommended storage conditions

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### **Section 11: Toxicological Information**

The toxicological properties have not been thoroughly investigated.

Tween® 20 is not listed as a carcinogen



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**Section 12: Ecological information**

Environmental Fate: No relevant studies identified.  
Environmental Toxicity: No toxicity anticipated.

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**Section 13: Disposal Considerations**

Dispose of unused contents in accordance with federal, state and local requirements for the disposal of non-toxic solutions.

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**Section 14: Transportation Information**

This substance is considered to be non-hazardous for transport.

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**Section 15: Regulatory Information**

Workplace classification: This product is considered non-hazardous.  
TSCA status: Exempt from TSCA.

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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.