

Bioscreen Inc.  
**Safety Data Sheet (SDS)**  
**QC Beads**

**1. Product and Company Identification**

Product Identifier	<b>QC-Beads</b>
Product Code	<b>BS-QC-BEADS</b>
Recommended use	<b>Controls for counting procedures used for routine semen analysis; not for in vivo use</b>
Company	<b>Bioscreen Inc. 889 Broadway New York NY 10003, USA</b>
Website	<b>scopescreen.com</b>
Telephone	<b>212-260-6692</b>
Emergency Telephone	<b>212-260-6692</b>

**2. Hazards Identification**

Classification of the mixture	<b>Not a hazardous substance or mixture</b>
GHS label elements	<b>Not a hazardous substance or mixture</b>
Hazards not otherwise classified	<b>None</b>
Other information	<b>OSHA Regulatory Status: This product is not considered hazardous according to the OSHA Hazard Communication Standard (29 CFR 1910.1200).</b>

**3. Composition/Information on Ingredients**

Product Description	<b>Uniform latex bead suspension in aqueous medium</b>
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<b>Chemical Name</b>	<b>CAS No.</b>	<b>Weight</b>
Water	7732-18-5	<75%
Latex beads	N/A	<1%
Sodium azide	26628-22-8	<0.1%
Triton X-100	9002-93-1	<1%
Glycerol	56-81-5	<25%

No ingredients are hazardous according to OSHA criteria.

**4. First Aid Measures**

General Advice	<b>Show this safety data sheet when going for medical treatment.</b>
Inhalation	<b>If symptomatic, remove to fresh air. Get medical attention if symptoms persist.</b>

Eye Contact	<b>Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.</b>
Skin Contact	<b>Wash off with soap and water. Get medical attention if symptoms occur.</b>
Ingestion	<b>Wash out mouth with copious amounts of water. Seek immediate medical attention.</b>

Most important symptoms and effects, both acute and delayed

Symptoms **Possible eye irritant**

Indications of any immediate attention and special treatment needed **No data available**

Note to physicians **Treat symptomatically**

#### 5. Fire-fighting Measures

Extinguishing Media	<b>Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.</b>
Specific hazards from the mixture	<b>Not available</b>
Explosion data	<b>Not available</b>
Special firefighting procedures	<b>Wear self-contained breathing apparatus for fire-fighting if necessary.</b>

#### 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures	<b>Ensure adequate ventilation</b>
Environmental precautions	<b>Do not let product enter drains</b>
Methods for containment/cleanup	<b>Keep in suitable closed containers for disposal</b>

#### 7. Handling and Storage

Precautions for safe handling	
Ventilation	<b>Use good ventilation (typically 10 air changes per hour)</b>
Eye/Skin Protection	<b>Avoid contact with skin and eyes</b>
Conditions for safe storage	<b>Keep containers tightly closed</b>
Incompatible materials	<b>None known</b>

## 8. Exposure Controls/Personal Protection

Control parameters	
Components	<b>Contains no substances with occupational exposure limit values</b>
Exposure controls	
Appropriate engineering controls	<b>General industrial hygiene practice</b>
Personal protective equipment	
Eye/face protection	<b>Use equipment for eye protection tested and approved under appropriate government standards</b>
Skin protection	<b>Handle with gloves</b>
Respiratory protection	<b>Not required</b>

## 9. Physical and Chemical Properties

Appearance	<b>White liquid suspension</b>
Odor	<b>Not available</b>
pH	<b>Not available</b>
Melting point	<b>Not available</b>
Boiling point	<b>Not available</b>
Flash point	<b>Not available</b>
Evaporation rate	<b>Not available</b>
Flammability	<b>Not available</b>
Vapor pressure	<b>Not available</b>
Vapor density	<b>Not available</b>
Solubility	<b>Not available</b>
Partition coefficient	<b>Not available</b>
Auto-ignition temperature	<b>Not available</b>
Decomposition temperature	<b>Not available</b>
Explosive properties	<b>Not available</b>
Oxidizing properties	<b>Not available</b>

## 10. Stability and Reactivity

Reactivity	<b>No data available</b>
Chemical Stability	<b>Stable under recommended storage conditions</b>

Conditions to avoid	<b>Extremes of temperature</b>
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Incompatible materials	<b>Metals</b>
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Hazardous decomposition	<b>No data available</b>
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#### **11. Toxicological Information**

Acute toxicity	<b>No data available</b>
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Inhalation	<b>No data available</b>
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Skin corrosion/irritation	<b>No data available</b>
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Serious eye damage/irritation	<b>No data available</b>
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Respiratory or skin sensitization	<b>No data available</b>
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Germ cell mutagenicity	<b>No data available</b>
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Carcinogenicity	<b>No data available</b>
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Reproductive toxicity	<b>No data available</b>
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To the best of our knowledge the chemical physical and toxicological properties have not been thoroughly investigated.

#### **12. Ecological Information**

Toxicity	<b>No data available</b>
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Persistence and degradability	<b>No data available</b>
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Bioaccumulative potential	<b>No data available</b>
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Mobility in soil	<b>No data available</b>
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Results of PBT and vPvB assessment	<b>No data available</b>
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Other adverse effects	<b>No data available</b>
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#### **13. Disposal Considerations**

To prevent buildup of explosive metal azides in lead and copper plumbing, reagents should be discarded into sewerage only if diluted and flushed with large volumes of water. Use copper-free and lead-free drain systems where possible.

#### **14. Transport Information**

DOT	<b>Not dangerous goods</b>
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IATA	<b>Not dangerous goods</b>
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IMDG	<b>Not dangerous goods</b>
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## 15. Regulatory Information

SARA 313 This product contains a chemical, which is subject to the reporting requirements of the SARA and Title 40 of the Code of Federal Regulations, Part 372 Sodium Azide, cas number 26628-22-8, weight <1.0%. Note SARA 313 threshold values = 1.0%

SARA 311/312 Hazards

**No SARA hazards**

## 16. Other Information

The above information is believed to be correct but does not purport to be all inclusive 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. Bioscreen Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.

Issue Date **7/22/16**

Revision Date **6/28/17**

**End of Safety Data Sheet**