

Document: AN9355-A

Applies to part numbers:

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AN9321,AN9351,AN9322,AN9352,AN9323,AN9353,AN9324,AN9354,AN9325,AN9355

**Section 1 Product and Company Identification**

Product code: AN9355 Product name: Stain-Free Bis-Tris Precast Gels, 4-20%, 15wells

Supplier: YAMAYBIO INC

Address: 6191 Cornerstone Court, Suite 107, San Diego, CA 92121, USA

Recommended Use: For research use only.

Restrictions on Use: Not for clinical use. Not for internal use in animals or humans. Not for diagnostic use. Not for household or any other unintended use.

**Section 2 Hazards Identification****EMERGENCY OVERVIEW:**

Harmful if swallowed. May cause irritation. Avoid breathing vapors or dusts. Use with adequate ventilation. Avoid contact with eyes, skin, and clothes. Wash thoroughly after handling. Keep container closed.

**HMIS RATING**

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

For additional information on toxicity, please refer to Section 11.

**Section 3 Composition/ Information on Ingredients**

The product is a mix containing no substances which, at their given concentration, are considered to be hazardous to health.

**Section 4 First Aid Measures**

ORAL EXPOSURE	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, call a physician.
INHALATION EXPOSURE	Not expected to be an inhalation hazard under anticipated conditions of normal use of this material. If necessary, call a physician.
DERMAL EXPOSURE	Rinse with plenty of water. Immediate medical attention is not required.
EYE EXPOSURE	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**Section 5 Fire Fighting Measures**

FLASH POINT	N/A
AUTOIGNITION TEMP	N/A
FLAMMABILITY	N/A

**EXTINGUISHING MEDIA**

Suitable	Water spray, carbon dioxide, dry chemical powder, or appropriate foam.
Not suitable	No information available

**FIREFIGHTING**

Protective Equipment:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.
Specific Hazard(s):	Emits toxic fumes under fire conditions.

## **Section 6      Accidental Release Measures**

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES	Ensure adequate ventilation. Always wear recommended personal protective equipment. See Section 8 for more detail.
ENVIRONMENTAL PRECAUTIONS	No special environmental precautions required.
METHODS AND MATERIAL FOR CONTAINMENT	Soak up with inert absorbent material.

## **Section 7      Handling and Storage**

SAFE HANDLING	Avoid inhalation, contact with eyes and skin.
SAFE STORAGE	Keep container tightly sealed in cool, well-ventilated area. Keep away from direct sunlight and sources of ignition.

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

PERSONAL PROTECTIVE EQUIPMENT	
Respiratory	In case of insufficient ventilation wear respirators and components tested and approved under appropriate government standards.
Hand	Wear suitable gloves. Glove material: Compatible chemical-resistant gloves.
Eye	Tight sealing safety goggles.
Skin and Body	Wear suitable protective clothing.
GENERAL HYGIENE MEASURES	Wash thoroughly after handling.
ENVIRONMENTAL EXPOSURE CONTROLS	Keep the product away from drains, water courses or the soil. Clean spillages in a safe way as soon as possible.

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

Appearance Physical State	Gel
Solvent Content	N/A

## **Section 10      Stability and Reactivity**

STABILITY	Stable under recommended storage conditions.
Materials to Avoid	No data available.
HAZARDOUS DECOMPOSITION PRODUCT	
Hazardous Decomposition Products	No data available.
HAZARDOUS POLYMERIZATION	
Hazardous Polymerization	No data available.

## **Section 11      Toxicological Information**

ROUTE OF EXPOSURE	
Skin Contact	May cause skin irritation.
Eye Contact	May cause eye irritation.
Inhalation	Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Ingestion	Irritating to mouth, throat and stomach.

## SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

## **Section 12      Ecological Information**

Toxicity	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bioaccumulative potential	No further relevant information available.
General notes	No further relevant information available.
Results of PBT and vPvB assessment	No further relevant information available.

## **Section 13      Disposal Considerations**

### APPROPRIATE METHOD OF DISPOSAL OF SUBSTANCE OR PREPARATION:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. Observe all federal, state, and local environmental regulations.

## **Section 14      Transport Information**

IATA / ADR / DOT-US / IMDG	Not regulated in the meaning of transport regulations.
Environmental hazards	Not Applicable
Special precautions for user	Not Applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not Applicable

## **Section 15      Regulatory Information**

### US FEDERAL REGULATIONS

SARA 313	This product is not regulated by SARA.
Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)	This product does not contains HAPs.

### US STATE REGULATIONS

California Proposition 65	This product does not contain any Proposition 65 chemicals.
WHMIS Hazard Class	Non-controlled

## **Section 16      Other Information**

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The information provided herein has been obtained through diligent research and analysis. The recommendations are based upon the prudent application of professional judgment. This information is not intended to be exhaustive and should be used as a general guideline. All materials and mixtures may present potential hazards, and should be handled with care. As the Company cannot control the specific methods, quantities, or conditions of use, it shall not be liable for any damages or losses resulting from the handling or contact with the product as described herein.

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**End of Safety Data Sheet**