SAFETY DATA SHEET

Issuing date 02-Oct-2013 **Revision Date** 02-Oct-2013 **Version** 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product code 751930 CB
Product name TRU LEGIONELLA® Conjugate Bead - CS7947

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use In vitro diagnostic

1.3 Details of the supplier of the safety data sheet

Manufacturer
Meridian Bioscience, Inc.
3471 River Hills Drive
Cincinnati, Ohio 45244

Authorized Representative
Meridian Bioscience Europe
Via del' Industria 7
20020 Villa Cortese Milano, Italy

For further information, please contact:

E-mail Address www.meridianbioscience.com

1.4 Emergency telephone number

Emergency telephone Emergency telephone CHEMTREC (International) 1-800-424-9300/ For US 1-703-527-3887

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

REGULATION (EC) No 1272/2008

Classification according to EU Directives 67/548/EEC or 1999/45/EC
For the full text of the R-phrases mentioned in this Section, see Section 16

Symbol(s)
Not dangerous

2.2 Label elements

2.3 Other information

SECTION 3: Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Chemical Name	EC-No	CAS-No	Weight %	Classification (67/548)	Classification (Reg. 1272/2008)	REACH Registration Number
Sucrose	-	57-50-1	15.5	-	no data available	no data available
Tris (hydroxymethyl)amino methane	-	77-86-1	0.6	-	no data available	no data available
Sodium azide	247-852-1	26628-22-8	0.02	T+; R28 R32 N; R50-53	Acute Tox. 2 (H300) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (EUH032)	no data available

For the full text of the R-phrases mentioned in this Section, see Section 16

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first-aid measures

Eye contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, call a physician.

Skin contact Wash off immediately with soap and plenty of water for at least 15 minutes.

Ingestion Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Inhalation Move to fresh air. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable Extinguishing Media
Dry chemical, CO_2, alcohol-resistant foam or water spray.

Extinguishing media which shall not be used for safety reasons
No information available.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus and full protective gear.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

See Section 12 for additional Ecological Information.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up
Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

6.4 Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
Ensure adequate ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions
Keep containers tightly closed in a dry, cool and well-ventilated place.

7.3 Specific end uses

Other Guidelines
No information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Exposure limits This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	European Union	The United Kingdom	France	Spain	Germany
Sodium azide 26628-22-8	S* TWA 0.1 mg/m³ STEL 0.3 mg/m³	STEL: 0.3 mg/m³ TWA: 0.1 mg/m³ Skin	VME: 0.1 mg/m³ VLCT: 0.3 mg/m³	S* VLA-EC: 0.3 mg/m³ VLA-ED: 0.1 mg/m³	MAK: 0.2 mg/m³ Ceiling / Peak: 0.4 mg/m³ TWA: 0.2 mg/m³

Component	Italy	Portugal	The Netherlands	Finland	Denmark
Sodium azide 26628-22-8 (0.02)	TWA: 0.1 mg/m³ STEL: 0.3 mg/m³ Skin	Ceiling: 0.29 mg/m³ Ceiling: 0.11 ppm	Skin STEL: 0.3 mg/m³ TWA: 0.1 mg/m³	TWA: 0.1 mg/m³ STEL: 0.3 mg/m³ Skin	TWA: 0.1 mg/m³ Skin

Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
Sodium azide 26628-22-8	Skin STEL 0.3 mg/m³ MAK: 0.1 mg/m³	STEL: 0.4 mg/m³ MAK: 0.2 mg/m³	NDSCh: 0.3 mg/m³ NDS: 0.1 mg/m³ Skin	Skin Ceiling: 0.3 mg/m³	TWA: 0.1 mg/m³ STEL: 0.3 mg/m³ Skin

Derived No Effect Level (DNEL) No information available

Predicted No Effect Concentration (PNEC) No information available

8.2 Exposure controls

Engineering Measures Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Eye Protection	Tightly fitting safety goggles.
Hand Protection	Protective gloves.
Skin and body protection	Long sleeved clothing.
Respiratory protection	No special protective equipment required.

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls No information available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Bead		
Appearance	No information available	**Odor**	none
Color	Light pink to light purple	**Odor Threshold**	No information available

Property	**Values**	**Remarks • Methods**
pH		No information available
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		No information available
upper flammability limit		
lower flammability limit		
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility		Soluble in water
Solubility in other solvents VALUE		No information available
Partition coefficient: n-octanol/water		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		
Explosive properties	No information available	
Oxidizing Properties	No information available	

9.2 Other information

Softening point	No information available
Molecular Weight	No information available
VOC Content(%)	No information available
Density VALUE	No information available
Bulk Density VALUE	No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

10.4 Conditions to Avoid

Extremes of temperature and direct sunlight. Exposure to air or moisture over prolonged periods.

10.5 Incompatible Materials

Acids.

10.6 Hazardous Decomposition Products

None under normal use conditions.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation There is no data available for this product.

Eye contact There is no data available for this product.

Skin contact There is no data available for this product.

Ingestion There is no data available for this product.

Acute toxicity 99.98% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on chapter 3.1 of the GHS document:

Oral	99,999.00 mg/kg
Dermal	99,999.00 mg/kg
Inhalation	
Gas	99,999.00 mg/l
Mist	99,999.00 mg/l
Vapor	99,999.00 mg/l

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium azide	27 mg/kg (Rat)	20 mg/kg (Rabbit) 50 mg/kg (Rat)	

Skin corrosion/irritation No information available.

Eye damage/irritation No information available.

Sensitization No information available.

Germ Cell Mutagenicity No information available.

Carcinogenicity No information available.

Reproductive toxicity No information available.

Specific target organ systemic toxicity (single exposure) No information available.

Specific target organ systemic toxicity (repeated exposure) No information available.

Aspiration hazard No information available.

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicity effects Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants
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Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium azide		0.7: 96 h Lepomis macrochirus mg/L LC50 0.8: 96 h Oncorhynchus mykiss mg/L LC50 5.46: 96 h Pimephales promelas mg/L LC50 flow-through	

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

Mobility
No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste from residues / unused products Dispose of in accordance with local regulations.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

IATA/DOT Not regulated
14.1.
14.2.
14.3.
14.4.
14.5.
14.6.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

International Inventories

TSCA	Complies
EINECS/ELINCS	-
DSL/NDSL	-
PICCS	-
ENCS	-
IECSC	-
AICS	-
KECL	-

Legend
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
PICCS - Philippines Inventory of Chemicals and Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
AICS - Australian Inventory of Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances

15.2 Chemical Safety Report

No information available

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3
No information available

Full text of H-Statements referred to under sections 2 and 3
H300 - Fatal if swallowed
H400 - Very toxic to aquatic life
H410 - Very toxic to aquatic life with long lasting effects
EUH032 - Contact with acids liberates very toxic gas

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Revision Note	not applicable.

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

Disclaimer
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Meridian Bioscience, Inc. shall not be held liable for any damages resulting from handling or from contact with the above product.