

**SAFETY DATA SHEET**

**1: IDENTIFICATION**

**Catalog Number/Product Name:** Multiple

**TSB WITH BEADS**

- KS70MI50 CryoCare Mixed Beads
- KS70BL50 CryoCare Blue Beads
- KS70GR50 CryoCare Green Beads
- KS70RE50 CryoCare Red Beads
- KS70WH50 CryoCare White Beads
- KS70YE50 CryoCare Yellow Beads

**BRUCELLA BROTH WITH BEADS**

- KS80BL50 Brucella Blue Beads
- KS80RE50 Brucella Red Beads
- KS80Gr50 Brucella Green Beads
- KS80YE50 Brucella Yellow Beads
- KS80MI50 Brucella Mixed Beads

**WITHOUT BEADS**

- KS70X CryoCare No Beads – Broth Only
- KS70G CryoCare Beads Only – No Broth
- KSCM50 CryoCare Cooked Meat
- KSMB50 CryoCare Skim Milk Base
- KS70E CryoCare Vials Only

**Other Common Names:** None

**Recommended Use/Restrictions:** For in-vitro diagnostic use only by trained professionals.

**Manufacturer/Supplier:**

Key Scientific Products  
 1113 East Reynolds Street  
 Stamford, TX 79553

Phone Number: 1-800-843-1539  
 Emergency Phone Number: None available.

**2: HAZARD(S) IDENTIFICATION**

(a) **Classification of the chemical:** Not applicable

(b) **Signal word:** None

(c) **Hazard statement(s):** None

(d) **Pictogram(s):** Not applicable

(e) **Precautionary statement(s):** None

(f) **Describe any hazards not otherwise classified that have been identified during the classification process:** None

**3: COMPOSITION/ INFORMATION ON INGREDIENTS**

Chemical Name	Common Name/Synonym	CAS Number	Concentration (%)
N A			

This product contains either Trypticase Soy Broth, Brucella Broth, Cooked Meat or Skimmed Milk with Glycerol and in some cases ceramic beads. None of these ingredients are known to be in any way hazardous as defined by OSHA Standards.

**4: FIRST-AID MEASURES**

(a) **Routes of Exposure:** Items listed below are for uninoculated vials only. If vials are inoculated, follow biohazard guidelines for the specific bacteria involved.

**Eyes:** If solution is splashed into eyes, rinse with water for 10 – 15 minutes with eyelids open. If irritation develops and persists seek medical advice.

**Ingestion:** No special precautions for uninoculated product. Ceramic beads will not digest. Consult physician regarding treatment for swallowed beads.

**Inhalation:** No vapors produced or hazards recognized.

**Skin:** No hazard recognized.

(b) **Important symptoms/effects(acute and delayed):** None

(c) **Indication of immediate medical attention and special treatment needed:** None

**5: FIRE-FIGHTING MEASURES**

(a) **Suitable (and unsuitable) extinguishing media:** No fire hazard. Use water spray, CO2, foam or dry powder extinguisher.

(b) **Specific hazards arising from the chemical:** None

(c) **Special protective equipment and precautions for fire-fighters:** None

**6: ACCIDENTAL RELEASE MEASURES**

(a) **Personal precautions, protective equipment, and emergency procedures:** None required.

(b) **Methods and materials for containment and cleaning up:** Liquid may be absorbed with sand, soda ash or soaked onto paper towels. Discard with normal laboratory trash.

<p><b>7: HANDLING AND STORAGE</b></p> <p>(a) <b>Precautions for safe handling:</b> None</p> <p>(b) <b>Conditions for safe storage:</b> Store according to label instructions.</p>
<p><b>8: EXPOSURE CONTROLS / PERSONAL PROTECTION</b></p> <p>(a) <b>OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available.</b> None</p> <p>(b) <b>Appropriate engineering controls:</b> None</p> <p>(c) <b>Individual protection measures, such as personal protective equipment:</b></p> <p><b>Eye Contact:</b> None required</p> <p><b>Ingestion:</b> See #4 above.</p> <p><b>Inhalation:</b> None</p> <p><b>Skin Contact:</b> None</p>
<p><b>9: PHYSICAL AND CHEMICAL PROPERTIES</b></p> <p><b>Appearance: Physical State:</b> Liquid with or without ceramic beads.  <b>Color:</b> Yellow. Skim Milk Base is dense cream colored.</p> <p><b>Odor:</b> None</p> <p><b>Odor Threshold:</b> Not Applicable</p> <p><b>pH:</b> 7.2 +/- .02</p> <p><b>Melting Point/Freezing Point:</b> Not Applicable</p> <p><b>Boiling Point/Boiling Range:</b> Not Applicable</p> <p><b>Flash Point:</b> Not Applicable</p> <p><b>Evaporation Rate:</b> Not Applicable</p> <p><b>Flammability:</b> Not Applicable</p> <p><b>Upper and Lower Flammability/Explosive Limits:</b> Not Applicable</p> <p><b>Vapor Pressure:</b> Not Applicable</p> <p><b>Vapor Density:</b> Not Applicable</p> <p><b>Relative Density:</b> Not Applicable</p> <p><b>Solubility:</b> Soluble (CryoCare liquid)</p> <p><b>Partition coefficient (n-octanol/water):</b> Not Applicable</p> <p><b>Auto-ignition Temperature:</b> Not Applicable</p> <p><b>Decomposition Temperature:</b> Not Applicable</p> <p><b>Viscosity:</b> Not Applicable</p>
<p><b>10: STABILITY AND REACTIVITY</b></p> <p>(a) <b>Reactivity:</b> No test data available for this product or its ingredients.</p> <p>(b) <b>Chemical stability:</b> No data</p> <p>(c) <b>Possibility of hazardous reactions:</b> None recognized</p> <p>(d) <b>Conditions to avoid (e.g., static discharge, shock, or vibration):</b> None recognized</p> <p>(e) <b>Incompatible materials:</b> Oxidizing materials and acids.</p> <p>(f) <b>Hazardous decomposition products:</b> CO and unidentified organ compounds may be formed during combustion.</p>
<p><b>11: TOXICOLOGICAL INFORMATION</b></p> <p>Description of the various toxicological (health) effects and the available data used to identify those effects, including:</p> <p>(a) <b>Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):</b> No data available.</p> <p>(b) <b>Symptoms related to the physical, chemical and toxicological characteristics:</b> No data available.</p> <p>(c) <b>Delayed and immediate effects and also chronic effects from short- and long-term exposure:</b> No data available.</p> <p>(d) <b>Numerical measures of toxicity (such as acute toxicity estimates):</b> No data available.</p> <p>(e) <b>Whether the hazardous chemical is listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA:</b>  No data available.</p>
<p><b>12: ECOLOGICAL INFORMATION</b></p> <p><b>Toxicity:</b> No data available.</p> <p><b>Results of PBT &amp; vPvB assessment:</b> No data available.</p> <p><b>Persistence &amp; degradability:</b> No data available.</p> <p><b>Mobility in soil:</b> No data available.</p> <p><b>Bioaccumulative potential:</b> No data available.</p> <p><b>Other adverse effects:</b> No known effects or critical hazards,</p>
<p><b>13: DISPOSAL CONSIDERATIONS</b></p> <p><b>Waste Disposal:</b> Chemical residues are generally classified as special waste, and are covered by national, state and local regulations. For advice on proper disposal contact your local waste disposal authority or utilize a chemical disposal company.</p>

**14: TRANSPORT INFORMATION****DOT Hazard Class:** Not regulated**Shipping Name:** N/A**Identification Number:** N/A**Packing Group:** Non-hazardous**15: REGULATORY INFORMATION**

<b>Carcinogenicity:</b>	<b>YES / NO</b>
<b>NTP:</b>	NO
<b>IARC:</b>	NO
<b>OSHA:</b>	NO
<b>California Prop 65:</b>	NO
<b>IATA:</b>	NO

**16: OTHER INFORMATION**

The above information, to the best of our knowledge, is accurate. Key Scientific Products assumes no liability whatsoever for the accuracy or completeness of the information stated above. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards may be described, we cannot guarantee that these are the only hazards that exist.

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