



## MATERIAL SAFETY DATA SHEET

### 1. Identification of the substance(s)

**Product Name:** Protect Preservation system – Dairy  
**Product Code:** TS/73-DY(all)  
**Alternative Name:** Protect Dairy  
**Revision:** 1 **Date:** 01.05.2012  
**Supplier:** **Technical Service Consultants Ltd**  
Microbiology House, Fir St, Heywood,  
Lancashire OL10 1NW, UK.

### 2. Constitutions

Polypropylene outer tube and cap with beads. Contains biological extracts and chemicals.  
100 (80 or 25) Lilac colour vials with matching beads in a plasticised fibreboard box, polystyrene or polypropylene tray and cardboard box.

### 3. Hazard identification

This product does not contain any hazardous extracts & chemicals in any significant quantities.

**Classification of preparation:** Not applicable, non-hazardous.

**Symbol:** Not applicable, non-hazardous.

**Risk Phrases:** Not applicable.

**Safety Phrases:** S36.

**CAS number:** Not applicable, product is a mixture.

**EC-No.:** Not applicable, product is a mixture.

**Chemical characterisation:** Biological extracts.

**Percentage contained in product:** Not applicable.

### 4. First aid measures

**General information:** No special measures required.

**Eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, seek medical attention.

**Inhalation:** Remove from exposure. In case of complaints obtain medical attention.

**Skin contact:** Wash with water and soap and rinse thoroughly.

**Ingestion:** If symptoms persist obtain medical attention.

### 5. Fire-fighting measures

**Special risks:** Combustible. May evolve toxic fumes in fire.

**Extinguishing media:** Dry chemical powder, or appropriate foam. Water maybe effective for cooling, but not extinguishment.



## 6. Accidental release measures

**Person-related safety precaution:** Not required

**Environmental protection:** Damp with water spray

**Cleaning/Waste collection:** No special measures required

**Additional information:** No dangerous substances are released

## 7. Handling and storage

**Handling:** No special measures required. Normal laboratory safety procedures should be observed.

**Storage:** Unopened vials: Storage at 4-25°C. Store in dry and ventilated area away from heat and ignition sources. Protect from light and moisture in tightly closed original containers.

## 8. Exposure controls/personal protection

The usual precautions should be observed for handling chemicals

**Respiratory protection:** Respirator use is not normally required

**Eye protection** : Wear safety glasses, as needed.

**Skin protection** : Protective garments do not normally required. Use chemically resistant gloves as needed.

**Body protection** : Protective work clothing

## 9. Physical and chemical properties

<b>Appearance:</b>	Liquid/coloured beads.	<b>Vapour pressure:</b>	Not applicable
<b>Colour:</b>	Straw colour liquid	<b>Water Solubility:</b>	Soluble (Cryo. liquid)
<b>Odour:</b>	Not applicable	<b>Explosive Properties:</b>	Not applicable
<b>pH:</b>	7.0±0.2	<b>Oxidising Properties:</b>	Not applicable
<b>Melting temperature:</b>	Not applicable	<b>Flash point:</b>	Not applicable
<b>Boiling temperature:</b>	Not applicable	<b>Relative Density:</b>	No data
<b>Density(g/ml):</b>	Not applicable		

## 10. Stability and reactivity

**Reactivity:** The material is supplied in a stable condition.

**Decomposition:** Carbon monoxide and unidentified organic compounds may be formed during combustion.

## 11. Toxicological information

Based on the ingredients in this composition and their concentrations, this product is according to the conventional method of EEC directive 88/379/EEC classified as:  
Non-hazardous.

