



## MATERIAL SAFETY DATA SHEET

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

**Product Name:** Protect Preservation system – Meat Free      **Product Code:** TS/69-MF10  
**Alternative Name:** Protect Starter Kit      **Revision:** 2      **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.  
10 Black colour vials with matching beads in a minigrip bag.

### 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.**

## 12. Ecological information

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No data available.

## 13. Disposal considerations

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Chemical residues are generally classified as special waste, and as such are covered by national regulations that vary according to locality. For advice on disposal, contact your local waste disposal authority, or pass to a chemical disposal company.

## 14. Transport information

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	Class	Packaging group	Substance Risk	UN no.
Road: (GGVS, GGVE, ADR, RID)	: N/A	Non-hazardous	N/A	N/A
Air: (IATA, ICAO)	: N/A	Non-hazardous	N/A	N/A
Sea: (IMDG, GGVS)	: N/A	Non-hazardous	N/A	N/A

## 15. Regulatory information

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Classification packaging/labelling (Directive 88/379/EEC):-

Hazard Symbol : Not applicable.  
Risk phrases : Not applicable.  
Safety phrases : S36- Wear suitable protective clothing.

## 16. Other information

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Revision. 3	Supersedes issue : 02.04.2009
Changes in Section:	Change of address and logo
Date of issue:	01.05.2012

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 given in the data sheet does not constitute the user's own assessment of risk as required by Health & Safety legislation currently in force. All chemicals should be handled only by competent personnel within a suitably controlled environment. Technical Service Consultants Limited shall not be held liable for any damage from handling or from contact with the product(s).