

MEATSAFE

NATURAL DEFENCE LASTING FRESHNESS

Meat Safe is a natural, food-grade solution designed to extend the shelf life of meat while preserving its freshness, tenderness, and juiciness. Powered by Quaternised Chitosan Nanoparticles with excellent antimicrobial properties, Meat Safe forms a thin, semipermeable edible coating over the surface of meat. This coating reduces chemical deterioration and microbiological spoilage, ensuring safer consumption and reducing economic losses for producers. Completely free from toxins and harmful chemicals, Meat Safe complies with all food safety standards.

Benefits:

- Extends Shelf Life – Prevents spoilage and maintains meat quality.
- Natural Tenderizer – Enhances meat texture and juiciness.
- Broad-Spectrum Antimicrobial Action – Effective against a range of bacteria, fungi, and other.
- Edible Coating Technology – Forms a safe, clear, semipermeable layer over meat.
- Free from Harmful Additives – No toxins, parabens, sulphates, silicone, phthalates, dyes, peroxides, chlorides, or mineral oils.
- Heat Stable – Withstands temperatures above 100°C; safe for hot water dilution.

Usage & Application

Dilution: 5 ml per litre of water.

Application Methods:

- Screw Chiller: Add 5 ml per litre directly to the screw chiller. Reuse for multiple cycles; replace when colour or smell changes.
- Before Portioning / Whole Meat: Dip meat in diluted solution for 5–10 seconds, then air dry to form coating.
- After Portioning / Chopped Meat: Spray diluted solution evenly using a fogging machine or sprayer to avoid increasing water weight.

Note

- Suitable for fresh meat before cooking, processing, or storage.
- For frozen meat, thaw before use.
- Do not mix with other products.

Ideal Applications

- Meat processing plants
- Dairy & food processing units handling meat products
- Restaurants, hotels, and catering services
- Retail meat packaging operations

Ingredients That Matter (100% Natural)

- Quaternised Chitosan Nanoparticles (Natural Edible Polymer) – 200 mg/ml
- Natural Turmeric Oil – 0.05 mg/ml

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