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## PRODUCT INFORMATION

### NATRALTECH CT<sup>1</sup> NATRALHAM CURE

*with advanced Bonded-Moisture System*

### **Complete Ham Cure Premix**

#### **DESCRIPTION.**

The NATRALHAM CURE CT<sup>1</sup> is scientifically formulated complete premix for preparing ham with a clean label. Thus it eliminates phosphates from the ingredients and there is none of the following additive numbers: 339, 340, 341, 450, 451 & 452. These premixes are designed for injection, tumbling & mixer/blender processes and are available in variations that match your desired level of extension.

All variations employ an advanced stabilization system—all work equally as well and are formulated to allow you the preference of not only extension but your “clean label” ingredient declaration. See the ingredient declarations of each below. NatralHam Cure utilizes kiwi fruit extract as the primary tenderizing ingredient (see further information below).

Please advise us your intended usage and we will formulate and advise the usage to give you the best results.

#### **BENEFITS AND ADVANTAGES.**

1. No additive numbers – Clean Label
2. No phosphate
3. Consistent tenderness – quick results
4. Scientifically formulated proven optimized natural system
5. Clean flavour – no metallic notes from phosphates
6. Advanced water binding technology – yield retention
7. Easy to use – simple quick dissolution premix

<sup>1</sup> Clean Technology

**KIWI FRUIT EXTRACT POWDER.**

Raw kiwi fruit has long been used by chefs as a tenderising agent usually by finely chopping and spreading it directly onto the meat or by including it in marinades. The disadvantage of using the kiwi fruit in this way is that it is a very powerful source of enzyme (actinidin) and it is easy to use too much which results in meat with a slimy, poor texture and unappetising appearance.

Kiwi fruit extract powder is a natural product prepared from high-grade kiwi fruit. The unique and innovative extraction procedure ensures the protease enzyme “actinidin” is available in high consistent levels. Thus the low and optimal usage of the enzyme via a premix application assures the ideally suited product for use in the meat processing plant at a cost-effective rate.

**USAGE**

INJECTION (based on 40% extension)

Make pickle as 10kg NATRALHAM CURE CT<sup>1</sup> premix in 75 litres of iced water.

This product has also been formulated to be used in conjunction with sodium lactate solution or a similar approved product to aid shelf-life. Please contact us to aid you in your pickle make-up for the use of sodium lactate.

**SPECIFIC REQUIREMENTS**

<b>Chemical Parameters</b>	<b>Average Value</b>
Moisture	<10%
<b>Microbiological Parameters</b> <i>(Using AOAC, Aus Std or equivalent, validating testing methods)</i>	<b>Specified Value</b>
Total Viable Count/g	<50,000 CFU
Salmonella/25g	Not detected
E.Coli/g	Negative
<b>Organoleptic</b>	
Odour	Not off odours. Odour is neutral.
Visual (powder)	White to beige powder. No lumps.
Taste	Salty, with a subtle sweetness

**INGREDIENTS**

**Version 1:** Salt, Maltodextrin, Starch (Tapioca, Potato), Sugar, Dextrose, Soy Protein Isolate, Xanthan gum, Antioxidant (Sodium erythorbate), Hydrolysed Plant Protein, Kiwifruit extract, Colour Fixative (Sodium Nitrite), Spices.

**Version 2:** Salt, Maltodextrin, Starch (Tapioca, Potato), Sugar, Dextrose, Modified Starch (1422), Xanthan gum, Antioxidant (Sodium erythorbate), Hydrolysed Plant Protein, Kiwifruit extract, Colour Fixative (Sodium Nitrite), Spices.

**Version 3:** Salt, Maltodextrin, Starch (Tapioca, Potato), Sugar, Dextrose, Potato Fibre, Antioxidant (Sodium erythorbate), Hydrolysed Plant Protein, Kiwifruit extract, Colour Fixative (Sodium Nitrite), Spices.

**NUTRITIONAL PANEL (nominal 40% extension—Version 1)**

	<b>AS PER 100g SERVE</b>	<b>In Ham 40% extension Per 100g</b>
<b>ENERGY(kJ)</b>	678	405
<b>PROTEIN (g)</b>	4.6	14.9
<b>FAT - Total (g)</b>	0.3	3.6
- Saturated (g)	0.2	1.7
<b>CARBOHYDRATE</b>		
- Total (g)	30.9	1.0
- Sugars (g)	14.8	0.5
<b>SODIUM (mg)</b>	19,480	689

**COUNTRY OF ORIGIN STATUS**

This product is made from local and imported goods.

**ALLERGEN STATUS**

This product is produced in an environment which processes wheat, soy dairy and egg products.

**GENETIC MODIFICATION**

This product must not be, or contain ingredients, which have been genetically modified

**PACKAGING**

As arranged.

**SHELF LIFE AND STORAGE**

12 months minimum when stored in a cool, dry area (<30°). Product is hygroscopic, reseal partly used packages to maintain optimum freshness.

*Information contained within this Specification is accurate and reliable to the best of our knowledge. It is the user's responsibility to determine their own application conditions.*

**Edition 2: 11-Feb-09**

**Authorisation: Wally Young**