

Specification

Product Name: **Prawnfresh Plus E586**

Information on basic physical and chemical properties;

State: Liquid

Colour: Yellow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Miscible in all proportions

Relative density: ca. 1.1 @20C

Test	Specification	Result
Appearance	Clear light brown liquid	Conforms
Specific Gravity	1.08 – 1.09 @ 15/20C typically	1.086@18°C
PH	Specification <2.5	2.1
Refractive Index	1.385 – 1.395	1.389
Date of Production:		
Shelf Life:	24 months from Date of Production	

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Regulatory and Conformity

Active Ingredient: 4 Hexyl Resorcinol (e586)

Conformity: European Food Safety Authority - EFSA Journal 2014;12(4):3643. doi:10.2903/
U.S. - FDA GRAS Provision 21 CFR 182.1,
FSANZ- Standard 1.3.1 Code for food additives,
PR China –Food Standards Hygiene Standard (GB 2760-1996).

Permitted Residue: E586 APPROVED for use in processing crustaceans with a maximum Residue
Level of **2ppm per kg** of meat in the EU, and **1 ppm per kg** in the USA

Labelling: For export purpose the label should show Active Ingredient as E586, other
Ingredients like E1520 functions as a Hydrotrope within the formula; it does NOT
Function as a Food Additive and is not required on the label

PRAWNFRESH: Usage Instructions to Maintain COLD CHAIN MANAGEMENT

- 1) The Harvest bin should be thoroughly cleaned. The dip water temperature should be as cold as possible at all times, ideally between 1 - 5 degrees Celsius and checked continually
- 2) Xyrex PrawnFresh should be shaken before the application and stirred vigorously when poured into Bin containing Ice / water. DO NOT mix with any acid based product or in conjunction with Sodium Metabisulphite.
- 3) Xyrex PrawnFresh should be made up with seawater or an equivalent saline solution of 3.2%. A maximum ratio of 1 part PrawnFresh per 1000 parts seawater should be used. e.g. 50ml to 50 liters of salt water. 1 litre at a dilution of 1-1000 liters of water will treat 2 ton of Shrimp
- 4) Shrimp should be soaked in the solution for minimum 5 minutes to ensure effective coverage and transported in the harvest bin to the plant.

In the dipping tank, we recommend changing the water and add more PF when the recommended number of boxes is treated. Water temperature no more than 1-5 Celsius, maintained using ice

Dip Tank Sea Water/Saline (Litres)	PrawnFresh Solution (Millilitres)	Qty of Shrimp Treated	
		Kilograms	20kg Box
100	100	200	10
200	200	400	20
300	300	600	30
500	500	1000	50
600	1000	1200	60

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