

Kerry Food Ingredients (Cork) Limited

Kilnagleary, Carrigaline, Cork Ireland

Phone: +353214376400

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PRODUCT SPECIFICATION

PRODUCT DETAILS

Fermcap Eco (20Kg) **Product Name**

Kerry Code 20656590

Legacy

Product Description Oil based emulsion

INGREDIENT LISTING

Fatty acids, 9-Octadecenoic acid (E 570), Sorbitan monolaurate (E 493), Polyoxyethylene 20 sorbitan monostearate (E 435), Sorbitan monooleate (E 494)

USAGE / APPLICATION INFORMATION

Application information:

Fermcap Eco is used as an antifoam agent during the wort boiling and/or fermentation step of the brewing process. Typical dose rates are in the range of 1 - 8ml/hl. The dose rate is dependent on wort composition, gravity and fermentation conditions. Some settling of the contents may occur on prolonged storage. The product can however easily be reconstituted by simple stirring.

KEY PARAMETERS

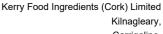
Test	Min	Max	Units
pН	3.5	5.5	
Antifoam efficiency	Pass		

MICROBIOLOGICAL DATA

Total Viable Count	<5000 cfu/g
Enterobacteriaceae	<30 cfu/g
Yeasts & Moulds	<100 cfu/g
E. coli	Absent/25 g
Salmonella	Absent/25 g

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ALLERGEN DATA				
Allergen	Present Yes/No			
Beef and products thereof	No			
Carrot and products thereof	No			
Celery and products thereof	No			
Cereals containing gluten(1)	No			
Chicken meat and products thereof	No			
Cocoa and products thereof	No			
Coriander and products thereof	No			
Corn/maize and products thereof	No			
Crustaceans and products thereof	No			
Egg and products thereof	No			
Fish and products thereof	No			
Glutamate and products thereof	No			
Milk and products thereof (including lactose)	No			
Mustard and products thereof	No			
Nuts (other than peanuts) and products thereof(2)	No			
Molluscs and products thereof	No			
Legumes and products thereof	No			
Lupin and products thereof	No			
Peanuts and products thereof	No			
Pork and products thereof	No			
Sesame Seeds and products thereof	No			
Soybeans and products thereof	No			
Sulphur Dioxide/Sulphites > 10ppm	No			
Wheat and products thereof(3)	No			

Note: All reasonable precautions that could be expected of a responsible manufacturer have been taken to prevent cross contamination in the raw materials used and in the manufacturing process. Product has been produced in a plant that handles cereals containing gluten (primary wheat flour).

Definitions conform to Regulation (EU) 1169/2011 as amended, US Food Allergen Labelling and Consumer Protection Act (FALCP) and ALBA-List.

(1) i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strain

KERR

(2) Nut allergens: Almond Prunus dulcis (Rosaceae) Beech nut Fagus spp. (Fagaceae), Brazil nut Bertholletia excelsa (Lecythidaceae), Butternut Juglans cinerea (Juglandaceae), Cashew Anacardium occidentale (Anacardiaceae), Chesnut (Chinese, American, European, Seguin) Castanea spp.(Fagaceae), Chinquapin Castanea pumila (Fagaceae), Coconut Cosos nucifera L. (Arecaceae (alt. Palmae)), Fibert/Hazelnut Corylus spp. (Betulaceae), Ginko nut Ginkgo biloba L.(Ginkgoaceae), Hickory nut Carya spp.(Juglandaceae), Lichee nut Litchi chinensis Sonn. (Sapindaceae), Macadamia nut/Bush nut Macadamia spp.(Proteaceae), Pecan Carya illinoiesis (Juglandaceae), Pine nut/Pinon nut Pinus spp. (Pineaceae), Pili nut Canarium ovatum (Burseraceae), Pistachio Pistacia vera L. (Anacardiaceae), Sheanut Vitellaria paradoxa (Sapotaceae), Walnut (English, Persian, Black, Japanase, California), Heartnut, Juglans spp.(Juglandaceae)

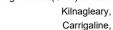
(3)i.e. common wheat, durum wheat, club wheat, spelt, semolina, Einkorn, emmer, kamut and triticale

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Cork Ireland

Comment/Certification Status SUITABILITY DATA Yes = Suitable.

No = Unsuitable

Yes Vegetarian (Ova-lacto)

> **Certified / Not Certified** Comment

Halal Suitable Suitable Kosher

NUTRITION INFORMATION

KERRY

Typical Value Unit **Nutrient** kJ/100 g Energy kCal/100 g Energy **Total Carbohydrates** g/100 g **Total Fat** g/100 g Protein g/100 g Moisture g/100 g Ash g/100 g

Data Source

This product is not a foodstuff therefore the nutritional breakdown has not been calculated.

PROCESS SUMMARY

Kerry has implemented and maintains food hygiene standards and HACCP Plans in line with the requirements of food legislation.

The Carrigaline, Co Cork site is certified against the requirements of FSSC22000 and ISO14001.

RECOMMENDED SHELF-LIFE & STORAGE

Transport & Storage Conditions: Store in dry conditions at 32°C or below.

Shelf life (original package): 730 days (24 months)

PACKAGING

Pack Size (Net) 20 Kg

Pack Type Inner Plastic drum Pack Type Outer Plastic drum

HEALTH & SAFETY DATA

As per Safety Data Sheet (SDS). SDS available on request.

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LEGISLATION & WARRANTY STATEMENT

We warrant that the product is manufactured in accordance with the specification and is manufactured and packaged in compliance with all EU food and food safety legislation applicable to products of this nature at time of manufacture and sale by us.

We make no further warranty in relation to the product or as to the suitability of the product for any specific purpose or application. The user should satisfy itself as to the suitability of the product as an ingredient in a specific application or for any use whatsoever. The information supplied in this specification sheet is in accordance with our product formulation, is also based on manufacturing plant data and on data provided by our raw material suppliers and is accurate to the best of our knowledge at the date of issue of this specification. Local national regulations should also be consulted by user in relation any specific application and in relation to appropriate ingredient declarations as legislation may vary from country to country.

CONFIDENTIALITY

This document and the information contained within it remains the property of Kerry Group and must not be disclosed to any third party without prior written permission of the company.

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