

Kerry Food Ingredients (Cork) Limited

Kilnagleary, Carrigaline, Cork Ireland

Phone: +353214376400 Fax: +353214376480

PRODUCT SPECIFICATION

PRODUCT DETAILS

Fermcap S (25Kg) **Product Name**

20267864 Kerry Code

Legacy

Product Description A unique emulsion of an extremely effective surface active agent

Dimethylpolysiloxane which prevents foam formation by reducing surface

tension.

INGREDIENT LISTING

Dimethyl Polysiloxane (E 900), Polysorbate 60 (E 435), Mono and Diglycerides of fatty acids (E 471), Sodium Metabisulphite (E 223)

USAGE / APPLICATION INFORMATION

FermCap S is used as an antifoam agent during the wort boiling and fermentation step of the brewing process. Typical dose rates are in the range of 1 - 8ml/hl. The dose rate is dependant on wort composition, gravity and fermentation conditions fermentation conditions. The ingredients of this product may settle. For best results, the closed package should be shaken vigorously before use.

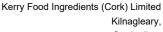
KEY PARAMETERS				
Test	Min	Max	Units	
pН	3.5	5.5		
Total Solids	23	28		
Antifoam Efficicency		10	secs	

MICROBIOLOGICAL DATA

Total Viable Count <10 cfu/g Enterobacteriaceae <30 cfu/q Yeasts & Moulds <10 cfu/g E. coli Absent/25 g Salmonella Absent/25 q

Kerry Code 11/27/2018 20267864 Issue date: Revision Date: 3/25/2022 Spec Version: Page 1 of 4

Spec Status: Commercialised Kerry Approved



Carrigaline,

Fax: +353214376480

Cork Ireland
Phone: +353214376400

I products thereof	Yes/No
	No
nd products thereof	No
nd products thereof	No
containing gluten(1)	No
meat and products thereof	No
nd products thereof	No
er and products thereof	No
ize and products thereof	No
eans and products thereof	No
products thereof	No
products thereof	No
te and products thereof	No
products thereof (including lactose)	No
and products thereof	No
ner than peanuts) and products thereof(2)	No
and products thereof	No
s and products thereof	No
d products thereof	No
and products thereof	No
products thereof	No
Seeds and products thereof	No
s and products thereof	No
Sulphur Dioxide/Sulphites > 10ppm	
nd 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 $\,$

KERRY

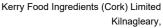
(2) Nut allergens: Almond Prunus dulcis (Rosaceae) Beech nut Fagus spp. (Fagaceae), Brazil nut Bertholletia excelsa (Lecythidaceae), Butternut Juglans cinerea (Juglandaceae), Cashew Anacardium occidentale (Anacardiaceae), Chesnut (Chinese, American, European, Seguin) Castanea spp.(Fagaceae), Chinquapin 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

 Kerry Code
 20267864
 Issue date:
 11/27/2018

 Spec Version:
 003
 Revision Date:
 3/25/2022

 Spec Status:
 Commercialised Kerry Approved
 Page 2 of 4



Carrigaline,
Cork Ireland

Phone: +353214376400 Fax: +353214376480

SUITABILITY DATA

Yes = Suitable, Comment/Certification Status

No = Unsuitable

Vegetarian (Ova-lacto) Yes

Certified / Not Certified Comment

Halal Certified Kosher Certified

NUTRITION INFORMATION

KERRY

Nutrient	Typical Value	Unit
Energy	0	kJ/100 g
Energy	0	kCal/100 g
Total Carbohydrates	0	g/100 g
Total Fat	0	g/100 g
Protein	0	g/100 g
Moisture	75	g/100 g
Ash	25	g/100 g

Data Source

Data Source Calculated from raw material data. Values quoted should be used for guidance purposes only.

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 but do not freeze during

transportation or storage.

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

PACKAGING

Pack Size (Net) 25 Kg
Pack Type Inner Polydrum

Pack Type Outer As above

HEALTH & SAFETY DATA

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

 Kerry Code
 20267864
 Issue date:
 11/27/2018

 Spec Version:
 003
 Revision Date:
 3/25/2022

Spec Status: Commercialised Kerry Approved Page 3 of 4



Kerry Food Ingredients (Cork) Limited
Kilnagleary,
Carrigaline,
Cork Ireland

Phone: +353214376400 Fax: +353214376480

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.

Kerry Code 20267864 Spec Version: 003

Spec Status: Commercialised Kerry Approved

Issue date: 11/27/2018
Revision Date: 3/25/2022

Page 4 of 4