

## TECHNICAL INFORMATION

Kerry Inc.  
3400 Millington Road Beloit, WI 53511 USA  
Tel: 608.363.1200  
www.kerry.com

## PRODUCT SPECIFICATION

### PRODUCT DETAILS

Kerry Material Code:	20626918
Legacy Part Code:	717177
Product Name	NEUTRAL CLOUD EMULSION

### INGREDIENT DECLARATION

All flavor ingredients contained in this product are approved for use in a regulation of the Food and Drug Administration, or are listed as Generally Recognized as Safe on a reliable, published industry association list.  
INGREDIENTS: Water, Gum Arabic, Medium Chain Triglycerides, Sucrose Acetate Isobutyrate, Natural Flavor, Glycerol Ester of Wood Rosin, Citric Acid, Sodium Benzoate, Potassium Sorbate, Tocopherols.

### USAGE DETAILS

Maximum use level is limited by the amount necessary to meet the required technical effect according to Good Manufacturing Practices (GMP).

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### KEY PERFORMANCE PARAMETERS

Description	Target	Min	Max	Units	Method
Flash Point Temperature	101			°C	
Specific Gravity	1.095	1.08	1.11		@ 25 Deg C
Refractive Index	1.392	1.387	1.397		@ 20 Deg C

### PHYSICAL DESCRIPTION

**Color:** White  
**Flavor:** Bland  
**Aroma:** Characteristic  
**Form:** Liquid - Emulsion

### MICROBIOLOGICAL DATA

	Target	Test Method
Aerobic Plate Count	<10000 cfu/g	
Coliforms	<10 cfu/g	
Mold	<100 cfu/g	
Yeast	<100 cfu/g	

### SHELF-LIFE & STORAGE

270 days unopened when refrigerated at 35 - 40 Deg F. DO NOT FREEZE.

### PERCENT RANGE

55 - 65% Water  
20 - 30% Gum Arabic  
5 - 10% Medium Chain Triglycerides  
2 - 5% Sucrose Acetate Isobutyrate  
2 - 5% Natural Flavor  
< 2% Glycerol Ester of Wood Rosin  
< 2% Citric Acid  
< 2% Sodium Benzoate  
< 2% Potassium Sorbate  
< 2% Tocopherols

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### NUTRITIONAL INFORMATION

Nutrient	Typical Value	Unit	Method / Source
Calories	150.6	kcal/100g	Calculated
Total Fat	6.2	g/100g	Calculated
Saturated Fat	6.2	g/100g	Calculated
Trans Fat	0.0	g/100g	Calculated
Cholesterol	0.0	mg/100g	Calculated
Total Carbohydrate	23.1	g/100g	Calculated
Dietary Fiber*	0.0	g/100g	Calculated
Total Sugars	0.0	g/100g	Calculated
Added Sugars	0.0	g/100g	Calculated
Protein	0.6	g/100g	Calculated
Vitamin A	0.0	mcg/100g	Calculated
Vitamin C	0.0	mg/100g	Calculated
Vitamin D	0.0	mcg/100g	Calculated
Calcium	154.0	mg/100g	Calculated
Iron	0.0	mg/100g	Calculated
Potassium	123.2	mg/100g	Calculated
Sodium	126.0	mg/100g	Calculated

**Note:** The information provided is calculated based on product formulation and nutrition data provided by our suppliers and/or by an authoritative database such as the USDA Nutrient Database.

\* FDA has conducted scientific reviews and published guidance documents on ingredients previously declared as dietary fiber. Many of these ingredients require submission of additional scientific support and until this data is accepted by the FDA, they cannot be considered as fiber in the nutrition facts panel. We have removed from the dietary fiber value any ingredients that do not meet the new definition in the Draft Guidance issued on Nov 22, 2016. The dietary value reported represents the FDA's current acceptance of petitions on dietary fiber as of the date on this document.

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### RECOMMENDED ALLERGEN DATA FOR LABELING PURPOSES

Does the product CONTAIN...?	Yes = Present No = Absent
Dairy/Dairy Derivatives	NO
Egg/Egg Derivatives	NO
Fish/Fish Derivatives	NO
Peanuts/Peanut Derivatives	NO
Sesame Derivatives	NO
Shellfish/Shellfish Derivatives	NO
Soy/Soy Derivatives	NO
Treenut/Treenut Derivatives	NO
Wheat/Wheat Derivatives	NO

### SUITABILITY DATA

Suitable for Ovo Vegetarians\*

Suitable for Lacto Vegetarians\*\*

Suitable for Ovo Lacto Vegetarians\*\*\*

Suitable for Vegans\*\*\*\*

Kosher Certified

Halal Suitable

Derived from genetically engineered plants and / or methods

For USDA Bioengineered Disclosure purposes, does not contain detectable modified genetic material

\*Ovo Vegetarian - excludes meat, fish, poultry and dairy, but includes eggs

\*\*Lacto Vegetarian - excludes meat, fish, poultry, and eggs, but includes dairy products.

\*\*\*Ovo Lacto Vegetarian - excludes meat, fish, and poultry, but includes dairy products and eggs.

\*\*\*\*Vegan - excludes all animal products, including meat, fish, poultry, eggs, dairy products, and any foods containing or processed with animal products or by-products.

### COUNTRY OF ORIGIN

USA