

## 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: | 20628766                        |
| Legacy Part Code:    | P10                             |
| Product Name         | RED ARROW CHAR SOL POLY-10 55GL |
| Product Description  | A water soluble smoke flavor.   |

### INGREDIENT DECLARATION

INGREDIENTS: Smoke Flavor, Polysorbate 80.

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.

### USAGE DETAILS

To impart a smoke flavor in meat and poultry products, sauces, cheese, seafood, snacks and pet foods. Methods of application include direct addition and surface application such as drenching. The starting usage level is 0.20%. Rate may be adjusted according to the product application.

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### KEY PERFORMANCE PARAMETERS

| Description         | Target | Min   | Max   | Units | Method |
|---------------------|--------|-------|-------|-------|--------|
| pH                  | 2.6    | 2     | 3.2   | PH    |        |
| Specific Gravity    | 1.067  | 1.049 | 1.084 |       |        |
| Titrateable Acidity | 11.25  | 10.5  | 12    | %     |        |

### PHYSICAL DESCRIPTION

**Color:** Clear Brown  
**Flavor:** Smoke/Grill  
**Aroma:** Smoke/Grill  
**Form:** Liquid

### SHELF-LIFE & STORAGE

730 days unopened when stored in tightly closed containers.

Storage Temperature: 7 - 24 C

### PACKAGING

**Packaging Type:** Drum/Can  
55 Gallon

### PERCENT RANGE

80-100% Smoke Flavor  
5-15% Polysorbate 80

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### NUTRITIONAL INFORMATION

| Nutrient           | Typical Value | Unit      | Method / Source |
|--------------------|---------------|-----------|-----------------|
| Moisture           | 70.0          | g/100g    | Calculated      |
| Calories           | 122.0         | kcal/100g | Calculated      |
| Total Fat          | 2.7           | g/100g    | Calculated      |
| Saturated Fat      | 0.1           | g/100g    | Calculated      |
| Trans Fat          | 0.0           | g/100g    | Calculated      |
| Cholesterol        | 0.0           | mg/100g   | Calculated      |
| Total Carbohydrate | 5.2           | 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            | 0.0           | 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            | 0.0           | mg/100g   | Calculated      |
| Iron               | 0.0           | mg/100g   | Calculated      |
| Potassium          | 0.0           | mg/100g   | Calculated      |
| Sodium             | 0.0           | mg/100g   | Calculated      |
| Ash                | 0.1           | g/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.

Smoke derived organics are not classified as fat, protein or carbohydrates, but have caloric value of 3.5 kcal/g.

\* 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<br>No = Absent |
|---------------------------------|------------------------------|
| Celery/Celery Derivatives       | NO                           |
| Dairy/Dairy Derivatives         | NO                           |
| Egg/Egg Derivatives             | NO                           |
| Fish/Fish Derivatives           | NO                           |
| Gluten                          | NO                           |
| Lupin/Lupin Derivatives         | NO                           |
| Mustard/Mustard Derivatives     | NO                           |
| Peanuts/Peanut Derivatives      | NO                           |
| Sesame/Sesame Derivatives       | NO                           |
| Shellfish/Shellfish Derivatives | NO                           |
| Soy/Soy Derivatives             | NO                           |
| Sulphur Dioxide/Sulphites       | NO                           |
| Treenut/Treenut Derivatives     | NO                           |
| Wheat/Wheat Derivatives         | NO                           |

### SUITABILITY DATA

Not formulated with irradiated ingredients

Suitable for Lacto Ovo Vegetarians\*

Suitable for Lacto Vegetarians\*\*

Suitable for Vegans\*\*\*

Kosher Certified

Halal Certified

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

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

\*\*\*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