

## TECHNICAL DATA SHEET

August 26, 2019

### CHARSOL BN-9

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<b>DESCRIPTION</b>	A partially neutralized aqueous smoke flavor.	
<b>MICROBIAL PROPERTIES</b>	None	
<b>TYPICAL DATA</b>	pH	5.5-6.5
	Specific Gravity (25°C)	1.085-1.120 g/ml
	Flavor	Meets Specifications
<b>PHYSICAL DATA</b>	Clear brown liquid with hardwood smoke aroma.	
	Density	9.1-9.3 lbs/gal
<b>SUGGESTED USES</b>	For internal addition to meat emulsions or for meat or food products that cannot tolerate the higher acid conditions in standard smoke solutions. The starting usage level is 0.10%. Rate may be adjusted according to the product application.	
<b>APPROVALS</b>	FDA. Certified Kosher Pareve. Certified Halal.	
<b>STORAGE</b>	Recommended shelf life is one year when stored in tightly closed containers (45-75°F). This product is not as stable as acidic smoke solutions and should be stored under cool conditions only.	
<b>PACKAGING (Item Code)</b>	Available in 5 (BN9-005), 30 (BN9-030) and 55 (BN9-055) gallon units. Larger quantities are available.	
<b>INGREDIENTS</b>	Smoke flavor.	
<b>ALLERGENS</b>	None	

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## NUTRITIONAL STATEMENT

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### CHARSOL BN-9

#### NUTRITIONAL DATA (By Calculation)

##### Quantity: 100g

Ash (g).....	0
Calories .....	98
Calories from fat.....	0
Total Carbohydrates (g).....	0
Dietary Fiber (g).....	0
Total Sugars (g).....	0
Added Sugars (g) .....	0
Other Carbohydrates (g).....	0
Cholesterol (mg).....	0
Protein (g).....	0
Moisture (g).....	72
Total Fat (g).....	0
Fat Saturated (g).....	0
Fat Monounsaturated (g) .....	0
Fat Polyunsaturated (g) .....	0
Trans Fatty Acids (g).....	0
Vitamin D (mcg) .....	0
Calcium (mg).....	0
Iron (mg) .....	0
Potassium (mg).....	0
Sodium (mg).....	0

(All other nutrient values are insignificant and therefore are not listed)

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

Thank you for your inquiry. Please contact your Account Manager if you need additional information.

#### RED ARROW PRODUCTS, a Kerry Business

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## **% BREAKDOWN STATEMENT**

August 26, 2019

### **Approximate Percentage Ingredient Breakdown for CHARSOL BN-9**

Smoke Flavor	100%
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## **CERTIFICATE OF ORIGIN STATEMENT**

August 26, 2019

The following product is manufactured in the **United States of America** from raw materials produced in, or obtained from the following countries:

**CHARSOL BN-9 - USA**

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## ALLERGEN STATEMENT

August 26, 2019

### CHARSOL BN-9

<b>ALLERGEN</b> (according to Directive 2007/68/EC)	<b>Present in Product</b>	<b>Produced on Same Line</b>	<b>Present in Factory</b>
<b>Cereals</b> containing gluten and products thereof	No	No	Yes
Wheat	No	No	No
Rye	No	No	No
Barley	No	No	No
Oats	No	No	No
Spelt	No	No	No
Kamut	No	No	No
<b>Crustaceans</b> and products thereof	No	No	No
<b>Eggs</b> and products thereof	No	No	No
<b>Fish</b> and products thereof	No	No	No
<b>Peanuts</b> and products thereof (excluding refined oils)	No	No	No
<b>Soybeans</b> and products thereof (excluding refined oils)	No	No	Yes
<b>Milk</b> and products thereof (including lactose)	No	No	Yes
<b>Tree Nuts</b> and products thereof	No	No	No
<b>Celery</b> and products thereof	No	No	Yes
<b>Mustard</b> and products thereof	No	No	No
<b>Sesame seeds</b> and products thereof	No	No	No
<b>Sulphur dioxide and sulphites</b> at concentrations of more than 10 mg/kg or 10 mg/litre expressed as SO <sub>2</sub>	No	No	Yes
<b>Lupin</b> and products thereof	No	No	No
<b>Molluscs</b> and products thereof	No	No	No

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## GMO STATEMENT

August 26, 2019

We have reviewed the following product:

<b>CHARSOL BN-9</b>
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and hereby certify that, to the best of our knowledge, the above-mentioned product is

☒ **Non-Genetically Engineered**

This term is used to describe products that contain no ingredients, additives, or processing aids derived from commodities that have commercially grown Genetically Engineered varieties in the supply chain.

☐ **Non-Genetically Engineered (validated)**

This term is used to describe products that contain ingredients, additives, or processing aids derived from commodities that have commercially grown Genetically Engineered varieties in the supply chain; however, they do not contain Genetically Engineered materials because 1) raw material records are maintained for "Identity Preserved" (IP) and/or 2) raw materials are tested for "PCR Negative" by our suppliers.

☐ **Genetically Engineered**

This term is used to describe products that contain ingredients, additives, or processing aids derived from commodities that have commercially grown Genetically Engineered varieties in the supply chain.

☐ The product contains dairy, meat, or a product from farm animals for which we have no knowledge of the genetically modified status of the feed.

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## NATURAL FLAVOR STATEMENT

August 26, 2019

Pursuant to Section 101.22 (i) 4 of Chapter 1 of Title 21 of the Code of Federal Regulations (Food and Drugs), Red Arrow Products, a Kerry Business, Manitowoc, Wisconsin, hereby certifies that **the smoke, grill, or natural flavor, in the following product(s), is/are considered a natural flavor** as per Section 101.22 (a) (3) of Chapter 1 of Title 21 of the Code of Federal Regulations (Note: This statement does not include carriers, solvents or processing aids such as maltodextrin, polysorbate, vegetable oils or free flow agents):

### CHARSOL BN-9

Red Arrow Products, a Kerry Business certifies that the above flavorings contain no artificial flavors, nor have any artificial flavors been added to them.

As with all decisions concerning food labeling, manufacturers should consult with their own regulatory and legal advisors prior to making labeling decisions.

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