

INGREDIENTS

	Usage Levels (%)
Sour cream powder	25.00
Sweet whey powder	25.00
Salt	12.00
Skimmed milk powder	10.00
Dextrose	10.00
Onion, dried	10.00
Monosodium glutamate	5.00
Parsley, dried	1.50
Citric acid	1.00
Free flow agent	0.50
Total	100.00

NUTRITIONAL CONTENT

Per 100g	
Calories	320kcal
Total Fat	6g
Saturated Fat	3.5g
Trans Fat	Og
Cholesterol	15mg
Total Carbohydrates	56g
Dietary Fiber	3g
Sugars	45g
Protein	13g
Calcium	5mg
Magnesium	82mg
Phosphorus	452mg
Potassium	970mg
Sodium	7070mg
Iron	2mg
Vitamin A	1337IU
Vitamin C	5mg

PREPARATION

This formula is an example of a sour cream and onion seasoning for potato chips. The flavoring is dusted directly onto the chips while they are hot after emerging from the fryer. The surface coating of oil is essential for the seasoning to adhere. Pickup (coating level) is targeted at 6%-8% by weight of the finished product. Salt quantity must be considered to balance desired salt levels of 1.5%-2.0% with the required flavor intensity. Adjustments must be made on pre-salted chip applications to give adequate coverage for appearance and not exceed salt targets. This formula is a costreduced formula, which uses sweet whey powder to extend sour cream powder and enhance flavor. This formulation can be used on fabricated potato chips, extruded potato sticks and snack crackers, for example.

Rely on the dynamic lineup of U.S. dairy to meet consumer demands for global product development. The U.S. Dairy Export Council (USDEC) offers resources on **ThinkUSAdairy.org** including a dairy ingredient supplier search, consumer, nutrition and product research, technical insights and prototype assistance to help develop and launch your next successful product. **Mathematical Construction**

This formula serves as a reference. Product developers are encouraged to modify the formula to meet manufacturing and finished product specification needs. Developed by FS&T Consulting. ©2014 U.S. Dairy Export Council.



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