



PRODUCT FORMULATION

NutraSweet® in Chocolate Coatings

ADVANTAGES OF NUTRASWEET® IN CHOCOLATE COATINGS

- Adds clean, sweet taste to sugar-free and no sugar added confections
- Provides sweetness at low concentrations
- Enhances flavors in hard candies
- Delivers sweetness equivalency at a cost competitive with sucrose and corn syrup
- Is non-cariogenic
- Depending on formulation, no sugar added claims are possible[§]
- Easy to use in batch, continuous, and deposited manufacturing processes
- Excellent stability in very low moisture systems such as hard candy

WORKING WITH NUTRASWEET® IN CHOCOLATE COATINGS

- Recommended use levels: 0.10 - 0.25%
- For best results, add NutraSweet® with other flavoring ingredients
- In soft candy, proper cooling and handling results in maximum retention of NutraSweet®
- In all confections, stability of NutraSweet® is suitable for normal turnover

NO SUGAR ADDED[§] MILK CHOCOLATE COMPOUND COATING MADE WITH NUTRASWEET®

Ingredient	%
Mannitol	42.52
Hard butter	24.79
Skim milk powder	16.21
Chocolate liquor	12.00
Whole milk powder	3.80
Lecithin	0.35
NutraSweet® brand sweetener	0.15
Vanillin	0.10
Salt	0.08
	100.00%
Nutrition Information	
per 40g serving (finished product)	
Calories	215
Carbohydrates (g)	22.3
Sugar (g)	4.0
Sugar Alcohols (g)	17.0
CN06	

PROCESS DESCRIPTION FOR MILK CHOCOLATE COMPOUND COATING WITH NUTRASWEET®

1. Melt the chocolate liquor and hard butter in a mixer or melange.
2. Add the mannitol, milk powders, and salt to mix.
3. Pass the mix through a five-roll refiner set to the desired fineness.
4. Place the refined mass in a conch for 24 hours.
5. During the last hour, add the vanillin, and NutraSweet to achieve a uniform mix.
6. Add lecithin, as needed, to adjust viscosity and yield value.
7. Mold or coat with this coating in the usual manner.

[§] It is best to consult with a regulatory or legal consultant to determine the appropriate claims and final labeling requirements for your product.

**NO SUGAR ADDED^S MILK CHOCOLATE
COMPOUND COATING MADE WITH
NUTRASWEET[®]**

Ingredient	%
Maltitol	42.52
Cocoa butter	24.79
Skim milk powder	16.21
Chocolate liquor	12.00
Whole milk powder	3.80
Lecithin	0.35
NutraSweet[®] brand sweetener	0.15
Vanillin	0.10
Salt	0.08
	100.00%
Nutrition Information per 40g serving (finished product)	
Calories	195
Carbohydrates (g)	22.3
Sugar (g)	4.0
Sugar Alcohols (g)	17.0
CN43	

**PROCESS DESCRIPTION FOR MILK
CHOCOLATE COMPOUND COATING WITH
NUTRASWEET[®]**

1. Melt the chocolate liquor and approximately ½ of the cocoa butter in a mixer or melange.
2. Add the maltitol, milk powders, and salt to mix.
3. Pass the mix through a five-roll refiner set to the desired fineness.
4. Add the remaining cocoa butter to the refined mass and place in a conch for 24 hours.
5. During the last hour, add the vanillin and NutraSweet to achieve a uniform mix.
6. Add lecithin, as needed, to adjust viscosity and yield value.
7. Mold or coat with this coating in the usual manner.

MORE INFORMATION IS AVAILABLE TO YOU

This bulletin is intended to be general in nature. We are eager to work with you in the development of new products and processes. For additional information about our products, please call **1-800-323-5321 (USA/Canada)**.

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**Visit our website at
www.nutrasweet.com**

The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee, since we can neither anticipate nor control the different conditions under which this information and our products are used. Each manufacturer should evaluate the nutrient content of their final products to determine compliance with FDA food labeling regulations when making nutrient claims. Further, The NutraSweet Company disclaims all liability with regard to its customers' infringement of third party patents. We recommend that our customers apply for licenses under any relevant patents. No statement herein or by our employees shall be construed to imply the nonexistence of relevant patents nor as a recommendation or inducement to infringe said patents. It is our policy, however, to assist our customers and to help in the solution of particular problems that may arise in connection with applications of our products.

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