

Cost Effective Emulsifier for Opaque Soft Drink



IDEA	SOLUTION
Develop a cost-effective beverage with a gum arabic replacement.	A chilled, non-sparkling, opaque soft drink.

PURITY GUM® Ultra is a high-performance, cost-effective beverage emulsifier for the replacement of gum arabic where its use is not viable in a formulation. It robustly stabilises up to 24% oil, delivering significant turbidity to finished drinks at up to 40% less cost. It is suitable for use in both soft drinks and alcoholic beverages.

Opaque Soft Drink Recipe

Ingredients	% as is
Water, demineralised	87.66
Sugar syrup	12.0
Orange-flavoured emulsion containing PURITY GUM® Ultra* emulsifier	0.10
Citric acid	0.18
Ascorbic acid	0.02
Potassium sorbate	0.015
Sodium benzoate	0.025
Total	100.00

*Orange flavour emulsion (20% weighted oil, 6% PURITY GUM® Ultra).

Preparation

1. Weigh the sugar syrup and water into a beaker and mix
2. Weigh and mix to the water phase in the following order - sodium benzoate, potassium sorbate, citric acid, ascorbic acid and flavour emulsion
3. Carbonise and fill bottles with beverage
4. Store the finished drink in refrigerated conditions until consumption

Nutritional Information

Nutrients per 100g

ENERGY (kj / kcal)	222 / 53
FAT (g)	0.0
of which SATURATES (g)	0.0
CARBOHYDRATE (g)	12.1
of which SUGARS (g)	1.7
of which STARCH (g)	0.1
DIETARY FIBRE (g)	0.0
PROTEIN (g)	0.0
SALT (g)	0.0 [10mg]

Allergen Information

PURITY GUM® Ultra contains Sulphur Dioxide (SO₂) at a typical concentration of <10 ppm.