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(54) **PALATABLE ELEMENTAL MEDICAL FOOD**

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patent is extended or adjusted under 35
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This patent is subject to a terminal dis-
claimer.

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A61K 31/205

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426/801, 601, 650; 514/440, 419, 423,
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(57) **ABSTRACT**

This invention relates to a palatable elemental nutritional
formula that is nutritionally complete for humans with
specialized dietary needs. The nutritional of the present
invention uses specific free amino acids to provide the
source of amino nitrogen (protein equivalents) and a special
blend of fats that provides 38 to 50% of the total Calories in
a pleasant tasting formula. The nutritionally complete for-
mula of this invention is useful for children having multiple
protein allergies, short gut syndrome, sick gut, diarrhea and
the like. More specifically, the nutritional product, in accor-
dance with this invention, utilizes L-asparagine monohydro-
chloride and L-glutamine in place of L-aspartic acid and
L-glutamic acid, respectively. In addition, the source of fat
comprises soy, fractionated coconut oil (medium chain
triglycerides), high oleic safflower oil and esterified glycerol
emulsifiers. The level of fat Calories is about 38 to 50% of
total Calories, which produces a product having a low
osmolarity and provides required energy requirements in a
small volume.

20 Claims, No Drawings