

Baxter

PeriOlimel **N4E**

Olimel **N9E**

Olimel **N12E**

PARENTERAL NUTRITION

Parenteral Nutrition

Dosing Guide



PeriOlimel **N4E**

Olimel **N9E**

Olimel **N12E**

PeriOlimel N4E

Peripheral or Central Vein

Content:	PeriOlimel N4E
Volume	1500 ml
Total energy	1050 kcal
Lipid	45 g
Lipid Types	80% Olive Oil; 20% Soy Oil
Amino acids	38 g
Non-protein calories /Nitrogen ratio	150 kcal/g
Nitrogen	6 g
Glucose	112.5 g
Glucose to Lipid Ratio	50:50
Electrolytes	
Sodium	31.5 mmol
Potassium	24.0 mmol
Magnesium	3.3 mmol
Calcium	3.0 mmol
Phosphate ^a	12.7 mmol
Acetate	41.0 mmol
Chloride	37.0 mmol
Electrolytes Maximum Further Addition⁴	
Sodium	193.5 mmol
Potassium	201.0 mmol
Magnesium	5.1 mmol
Calcium	4.5 mmol
Organic Phosphate	22.5 mmol
Inorganic Phosphate	12.0 mmol
Osmolarity	760 mOsm/L
pH approx.	6.4
Maximum Daily Dosage^b	
Maximum Daily Dosage^b	3.2 ml/kg BW/hour
Maximum Daily Dosage^b	40 ml/kg BW/day

References: 1. Product Insert PeriOlimel N4E, July 2021.

^aIncludes Phosphate provided by the lipid emulsion. ^bFor Adults

Olimel N9E

Central Vein

Content:	Olimel N9E
Volume	1500 ml
Total energy	1600 kcal
Lipid	60 g
Lipid Types	80% Olive Oil; 20% Soy Oil
Amino acids	85.4 g
Non-protein calories /Nitrogen ratio	93 kcal/g
Nitrogen	13.5 g
Glucose	165 g
Glucose to Lipid Ratio	52:48
Electrolytes	
Sodium	52.5 mmol
Potassium	45.0 mmol
Magnesium	6.0 mmol
Calcium	5.3 mmol
Phosphate ^a	22.5 mmol
Acetate	80.0 mmol
Chloride	68.0 mmol
Electrolytes Maximum Further Addition⁴	
Sodium	172.5 mmol
Potassium	180.0 mmol
Magnesium	2.4 mmol
Calcium	2.2 mmol
Organic Phosphate	15.0 mmol
Inorganic Phosphate	4.5 mmol
Osmolarity	1310 mOsm/L
pH approx.	6.4
Maximum Infusion Rate^b	
	1.8 ml/kg BW/hour
Maximum Daily Dosage^b	
	35 ml/kg BW/day

References: 2. Product insert Olimel N9E, June 2020.

^aIncludes Phosphate provided by the lipid emulsion. ^bFor Adults

Olimel N12E

Central Vein

Content:	Olimel N12E
Volume	1000ml
Total energy	950 kcal
Lipid	35 g
Lipid Types	80% Olive Oil; 20% Soy Oil
Amino acids	75.9 g
Non-protein calories /Nitrogen ratio	53 kcal/g
Nitrogen	12 g
Glucose	73.3g
Glucose to Lipid Ratio	45:55
Electrolytes	
Sodium	35.0 mmol
Potassium	30.0 mmol
Magnesium	4.0 mmol
Calcium	3.5 mmol
Phosphate ^a	15.0 mmol
Acetate	70 mmol
Chloride	45 mmol
Electrolytes Maximum Further Addition⁴	
Sodium	115 mmol
Potassium	120 mmol
Magnesium	1.6 mmol
Calcium	1.5 mmol
Organic Phosphate	10 mmol
Inorganic Phosphate	10 mmol
Osmolarity	1270 mOsm/L
pH approx.	6.4
Maximum Infusion Rate^b	
	1.3ml / kg BW / hour
Maximum Daily Dosage^b	26 ml/kg BW/day

References: 3.Product insert Olimel N12E, December 2021.

^aIncludes Phosphate provided by the lipid emulsion. ^bFor Adults

Compatibility of other possible additions: Maximum level per bag

Vitamins	1.0 - 1.5 vials of Cernevit ^c
Additional Trace Elements ^d	20mg Zinc
	500 µg Selenium

^c vitamin supplementation is per L of emulsion.

^d addition of Zn and Se not tested in presence of other additives.

For additional compatibility data on other additions, kindly contact respective sales representative.

Stability

The stability of the reconstituted emulsion has been demonstrated for 7 days (between 2°C and 8°C) followed by 48 hours at temperature not exceeding 30°C.

Admixtures prepared and/or supplemented using strict aseptic technique has been demonstrated for **7 days (between 2°C and 8°C) followed by 48 hours at temperature not exceeding 25°C.**

From a microbiological point of view, any admixture should be used immediately.

Abbreviated Prescribing Information

PERIOLIMEL N4E, emulsion for infusion; OLIMEL N9E, emulsion for infusion; OLIMEL N12E, emulsion for infusion. COMPOSITION: For PERIOLIMEL N4E, OLIMEL N9E and OLIMEL N12E **Active substances:** Refined olive oil + refined soybean oil; Alanine; Arginine; Aspartic acid; Glutamic acid; Glycine; Histidine; Isoleucine; Leucine; Lysine; Methionine; Phenylalanine; Proline; Serine; Threonine; Tryptophan; Tyrosine; Valine; Sodium acetate, trihydrate; Sodium glycerophosphate, hydrated; Potassium chloride; Magnesium chloride, hexahydrate; Calcium chloride, dehydrate, Glucose anhydrous. **Therapeutic indications:** PERIOLIMEL / OLIMEL are indicated for parenteral nutrition for adults and children greater than 2 years of age when oral or enteral nutrition is impossible, insufficient or contraindicated. PERIOLIMEL / OLIMEL are not recommended for use in children less than 2 years of age due to inadequate composition and volume. **Contraindications:** The use of PERIOLIMEL / OLIMEL with electrolytes are contra-indicated in the following situations: In premature neonates, infants and children less than 2 years of age | Hypersensitivity to egg, soybean, or peanut proteins, or corn/corn products or to any of the active substances or excipients | Congenital abnormalities of amino acid metabolism | Severe hyperlipidaemia or severe disorders of lipid metabolism characterized by hypertriglyceridemia | Severe hyperglycemia | Pathologically elevated plasma concentrations of sodium, potassium, magnesium, calcium, and/or phosphorus. **Undesirable effects:** Potential undesirable effects may occur as a result of inappropriate use (for example: overdose, excessively fast infusion rate). The following class-like-adverse drug reactions (ADRs) have been described in other sources in relation to similar parenteral nutrition products; the frequency of these events is not known. Blood and lymphatic system disorders: Thrombocytopenia | Hepatobiliary disorders: Cholestasis, hepatomegaly, jaundice | Immune system disorders: Hypersensitivity | Injury, poisoning and procedural complications: Parenteral nutrition associated liver disease | Investigations: Blood alkaline phosphatase increased, Transaminases increased, blood bilirubin increased, elevated liver enzymes | Renal and urinary disorders: Azotemia | Vascular disorders: Pulmonary vascular precipitates (pulmonary vascular embolism and respiratory distress). For a detailed posology, special warnings and precautions, incompatibilities, interactions, pharmacological properties and pharmaceutical particulars, please refer to the full SPC. Medicinal products are subject to medical prescription. **Full Prescribing Information is available upon request. Revision date: PeriOlimel N4E July 2021, OLIMEL N9E June 2020, OLIMEL N12E December 2021.**



Advancing Clinical
Nutrition



Olimel Three Chamber
Bag Activation Video

References:

1. Product insert PeriOlimel N4E, July 2021.
2. Product insert Olimel N9E, June 2020.
3. Product insert Olimel N12E, December 2021.
4. Compatibility Guide, Aug 2021.

For Healthcare Professionals Only.

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