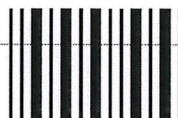


| | | | | | |
|---|--|-------------------------|--|--|----------------|
| Product Name: SmofKabiven EF | | Territory: ID | Colour: ● BLACK ● DIE CUT | 1. Draft 14.10. 2016 07.00 Uhr 1. Correction 25.10. 2016 11.21 Uhr 2. Correction 28.10. 2016 10.52 Uhr | Variable Data: |
| Type of Packaging: PIL | Dosage: 493ml | | | | |
| Material number: M0xxxx/xx ID | 2-D-Matrix Code X | | | | |
| Pharma-Code (Laetus) x | EAN Code: | | | | |
| Dimension: 105 x 210 mm 16 stg. | Font: Interstate Smallest Size: 8 Pt. | | Operator: Christian Nagy +43(0) 34 52 72266-22 | | |



PACKAGE LEAFLET: INFORMATION FOR THE USER

SmofKabiven Electrolyte Free
Amino acids, Glucose, Lipid, Emulsion for infusion

Composition

SmofKabiven Electrolyte Free consists of a three chamber bag system. Each bag contains the following partial volumes :

| | 493 ml | Per 1000 ml |
|---------------------|--------|-------------|
| Amino acid solution | 250 ml | 508 ml |
| Glucose 42% | 149 ml | 302 ml |
| Lipid emulsion | 94 ml | 190 ml |

This corresponds to the following total compositions:

| Active ingredients | 493 ml | Per 1000 ml |
|---------------------------------|--------|-------------|
| Alanine | 3.5 g | 7.1 g |
| Arginine | 3.0 g | 6.1 g |
| Glycine | 2.8 g | 5.6 g |
| Histidine | 0.8 g | 1.5 g |
| Isoleucine | 1.3 g | 2.5 g |
| Leucine | 1.9 g | 3.8 g |
| Lysine (as acetate) | 1.7 g | 3.4 g |
| Methionine | 1.1 g | 2.2 g |
| Phenylalanine | 1.3 g | 2.6 g |
| Proline | 2.8 g | 5.7 g |
| Serine | 1.6 g | 3.3 g |
| Taurine | 0.25 g | 0.5 g |
| Threonine | 1.1 g | 2.2 g |
| Tryptophan | 0.5 g | 1.0 g |
| Tyrosine | 0.10 g | 0.20 g |
| Valine | 1.6 g | 3.1 g |
| Glucose | | |
| (as monohydrate) | 63 g | 127 g |
| Soya-bean oil, refined | 5.6 g | 11.4 g |
| Medium-chain triglycerides | 5.6 g | 11.4 g |
| Olive oil, refined | 4.7 g | 9.5 g |
| Fish oil, rich in omega-3-acids | 2.8 g | 5.7 g |

| Corresponding to | 493 ml | Per 1000 ml |
|-------------------------|--------------------|-------------|
| • Amino acids | 25 g | 51 g |
| • Nitrogen | 4 g | 8 g |
| • Carbohydrates | | |
| - Glucose (anhydrous) | 63 g | 127 g |
| • Lipids | 19 g | 38 g |
| • Acetate1) | 37 mmol | 74.5 mmol |
| • Phosphate2) | 1.4 mmol | 2.8 mmol |
| • Energy content | | |
| - total (approx.) | 550 kcal 2.3 MJ | |
| - non protein (approx.) | 450 kcal 1.9 MJ | |

- 1) Contribution from amino acid solution.
- 2) Contribution from lipid emulsion

Pharmaceutical Form

Emulsion for infusion

Glucose and amino acid solutions are clear and colourless to slightly yellow and free from particles. The lipid emulsion is white and homogenous.

Osmolality : approx. 1600 mosmol/kg water

Osmolarity : approx. 1300 mosmol/l

pH (after mixing) : approx. 5.6

Clinical Particulars**Therapeutic indications**

Parenteral nutrition for adult patients when oral or enteral nutrition is impossible, insufficient or contraindicated.

Limitation of use

Smofkabiven Electrolyte Free should not be used for conditions listed in contraindication section.

Posology and method of administration**Posology**

The appearance of the product after mixing the 3 chambers is a white emulsion.

The patient's ability to eliminate fat and metabolise nitrogen and glucose, and the nutritional requirements should govern the dosage and infusion rate, see section Special warnings and precautions for use.

The dose should be individualised with regard to the patient's clinical condition and body weight (bw).

The nitrogen requirements for maintenance of body protein mass depend on the patient's condition (e.g. nutritional state and degree of catabolic stress or anabolism).

The requirements are 0.10-0.15 g nitrogen/kg bw/day (0.6-0.9 g amino acids/kg bw/day) in the normal nutritional state or in conditions with mild catabolic stress. In patients with moderate to high metabolic stress with or without malnutrition, the requirements are in the range of 0.15-0.25 g nitrogen/kg bw/day (0.9-1.6 g amino acids/kg bw/day). In some very special conditions (e.g. burns or marked anabolism) the nitrogen need may be even higher.

Dosage

The dosage range of 13 ml - 31 ml SmofKabiven Electrolyte Free/kg bw/day corresponds to 0.10-0.25 g nitrogen/kg bw/day (0.6-1.6 g amino acids/kg bw/day) and 14-35 kcal/kg bw/day of total energy (12-27 kcal/kg bw/day of non-protein energy). This covers the need of the majority of the patients. In obese patients the dose should be based on the estimated ideal weight.

Infusion rate

The maximum infusion rate for glucose is 0.25 g/kg bw/h, for amino acid 0.1 g/kg bw/h, and for fat 0.15 g/kg bw/h.

The infusion rate should not exceed 2.0 ml/kg bw/h (corresponding to 0.25 g glucose, 0.10 g amino acids, and 0.08 g fat/kg bw/h). The recommended infusion period is 14-24 hours.

Maximum daily dose

The maximum daily dose varies with the clinical condition of the patient and may even change from day to day. The recommended maximum daily dose is 35 ml/kg bw/day.

The recommended maximum daily dose of 35 ml/kg bw/day will provide 0.28 g nitrogen/kg bw/day (corresponding to 1.8 g amino acids/kg bw/day), 4.5 g glucose/kg bw/day, 1.33 g fat/kg bw/day and a total energy of 39 kcal/kg bw/day (corresponding to 31 kcal/kg bw/day of non-protein energy).

Pediatric patients

SmofKabiven Electrolyte Free is not recommended for use in children.

Method and duration of administration

Intravenous use, infusion into a peripheral or central vein.

The different package sizes of SmofKabiven Electrolyte Free are intended for patients with high, moderately increased or basal nutritional requirements. To provide total parenteral nutrition, trace elements, electrolytes and vitamins should be added to SmofKabiven Electrolyte Free according to the patients need.

For instructions on preparation of the medicinal product before administration, see section Special precaution for disposal and other handling.

Contraindications

- Hypersensitivity to fish-, egg-, soya- or peanut protein or to any of the active substances or excipients
- Severe hyperlipidemia
- Severe liver insufficiency
- Severe blood coagulation disorders
- Congenital errors of amino acid metabolism
- Severe renal insufficiency without access to hemofiltration or dialysis
- Acute shock
- Uncontrolled hyperglycaemia
- General contraindications to infusion therapy: acute pulmonary oedema, hyperhydration, and decompensated cardiac insufficiency
- Hemophagocytotic syndrome
- Unstable conditions (e.g. severe post-traumatic conditions, uncompensated diabetes mellitus, acute myocardial infarction,

stroke, embolism, metabolic acidosis, severe sepsis, hypotonic dehydration and hyperosmolar coma)

Special warnings and precautions for use

The capacity to eliminate fat is individual and should therefore be monitored according to the routines of the clinician. This is in general done by checking the triglyceride levels. The concentration of triglycerides in serum should not exceed 4 mmol/l during infusion. An overdose may lead to fat overload syndrome, see section Undesirable effects.

SmofKabiven Electrolyte Free should be given with caution in conditions of impaired lipid metabolism, which may occur in patients with renal failure, diabetes mellitus, pancreatitis, impaired liver function, hypothyroidism and sepsis.

This medicinal product contains soya-bean oil, fish oil and egg phospholipids, which may rarely cause allergic reactions. Cross allergic reactions has been observed between soya-bean and peanut.

To avoid risks associated with too rapid infusion rates, it is recommended to use a continuous and well-controlled infusion, if possible by using a volumetric pump.

Since an increased risk of infection is associated with the use of any central vein, strict aseptic precautions should be taken to avoid any contamination during catheter insertion and manipulation.

Serum glucose, electrolytes and osmolarity as well as fluid balance, acid-base status and liver enzyme tests should be monitored.

Blood cell count and coagulation should be monitored when fat is given for a longer period.

SmofKabiven Electrolyte Free is produced almost electrolyte free for patients with special and/or limited electrolyte requirements. Sodium, potassium, calcium, magnesium and additional amounts of phosphate should be added governed by the clinical condition of the patient and by frequent monitoring of serum levels.

In patients with renal insufficiency, the phosphate and potassium intake should be carefully controlled to prevent hyperphosphatemia.

The amount of individual electrolytes to be added is governed by the clinical condition of the patient and by frequent monitoring of serum levels.

Parenteral nutrition should be given with caution in lactic acidosis, insufficient cellular oxygen supply and increased serum osmolarity. Any sign or symptom of anaphylactic reaction (such as fever, shivering, rash or dyspnoea) should lead to immediate interruption of the infusion.

The fat content of SmofKabiven Electrolyte Free may interfere with certain laboratory measurements (e.g. bilirubin, lactate dehydrogenase, oxygen saturation, hemoglobin) if blood is sampled before fat has been adequately cleared from the bloodstream. Fat is cleared after a fat-free interval of 5-6 hours in most patients.

Intravenous infusion of amino acids is accompanied by increased urinary excretion of the trace elements, in particular copper and zinc. This should be considered in the dosing of trace elements, especially during long-term intravenous nutrition.

In malnourished patients, initiation of parenteral nutrition can precipitate fluid shifts resulting in pulmonary oedema and congestive heart failure as well as a decrease in the serum concentration of potassium, phosphorus, magnesium and water soluble vitamins. These changes can occur within 24 to 48 hours, therefore careful and slow initiation of parenteral nutrition is recommended in this patient group, together with close monitoring and appropriate adjustments of fluid, electrolytes, minerals and vitamins.

SmofKabiven Electrolyte Free should not be given simultaneously with blood in the same infusion set due to the risk of pseudoagglutination.

In patients with hyperglycaemia, administration of exogenous insulin might be necessary.

Interactions with other medicinal products and other forms of interaction

Some medicinal products, like insulin, may interfere with the body's lipase system. This kind of interaction seems, however, to be of limited clinical importance.

Heparin given in clinical doses causes a transient release of lipoprotein lipase into the circulation. This may result initially in increased plasma lipolysis followed by a transient decrease in triglyceride clearance.

Soya-bean oil has a natural content of vitamin K1. However, the concentration in SmofKabiven Electrolyte Free is so low that it is not expected to significantly influence the coagulation process in patients treated with coumarin derivatives.

Fertility, pregnancy and lactation

There are no data available on exposure of SmofKabiven Electrolyte Free in pregnant or breast-feeding women. There are no studies available on reproductive toxicity in animals. Parenteral nutrition may become necessary during pregnancy and lactation. SmofKabiven Electrolyte Free should only be given to pregnant and breast-feeding women after careful consideration.

Effects on ability to drive and use machines

Not relevant

**Undesirable effects**

| | Common ≥ 1/100, <1/10 | Uncommon ≥ 1/1000, <1/100 | Rare ≥ 1/10000, <1/1000 |
|--|-------------------------------------|---|--|
| Cardiac disorders | | | Tachycardia |
| Respiratory, thoracic and mediastinal disorders | | | Dyspnoea |
| Gastrointestinal disorders | | Lack of appetite, nausea, vomiting | |
| Metabolism and nutrition disorders | | Elevated plasma levels of liver enzymes | |
| Vascular disorders | | | Hypotension, hypertension |
| General disorders and administration site conditions | Slight increase in body temperature | Chills, dizziness, headache | Hypersensitivity-reactions (e.g. anaphylactic or reactions, skin rash, urticaria, flush, headache), anaphylactoid heat or cold sensation, paleness, cyanosis, pain in the neck, back, bones, chest and loins |



Should these side-effects occur the infusion of SmofKabiven Electrolyte Free should be stopped or, if necessary, continued at a reduced dosage.

Fat overload syndrome

Impaired capacity to eliminate triglycerides can lead to "Fat overload syndrome" which may be caused by overdose. Possible signs of metabolic overload must be observed. The cause may be genetic (individually different metabolism) or the fat metabolism may be affected by ongoing or previous illnesses. This syndrome may also appear during severe hypertriglyceridemia, even at the recommended infusion rate, and in association with a sudden change in the patient's clinical condition, such as renal function impairment or infection. The fat overload syndrome is characterised by hyperlipemia, fever, fat infiltration, hepatomegaly with or without icterus, splenomegaly, anemia, leukopenia, thrombocytopenia, coagulation disorder, hemolysis and reticulocytosis, abnormal liver function tests and coma. The symptoms are usually reversible if the infusion of the lipid emulsion is discontinued.

Excess of amino acid infusion

As with other amino acid solutions, the amino acid content in SmofKabiven Electrolyte Free may cause undesirable effects when the recommended infusion rate is exceeded. These effects are nausea, vomiting, shivering and sweating. Amino acid infusion may also cause a rise in body temperature. With an impaired renal function, increased levels of nitrogen containing metabolites (e.g. creatinine, urea) may occur.

Excess of glucose infusion

If the glucose clearance capacity of the patient is exceeded, hyperglycaemia will develop

Overdose

See section Undesirable effects "Fat overload syndrome" "Excess of amino acid infusion" and "Excess of glucose infusion".

If symptoms of overdose of fat or amino acids occur, the infusion should be slowed down or discontinued. There is no specific antidote for overdose. Emergency procedures should be general supportive measures, with particular attention to respiratory and cardiovascular systems. Close biochemical monitoring would be essential and specific abnormalities treated appropriately.

If hyperglycaemia occurs, it should be treated according to the clinical situation either by appropriate insulin administration and/or adjustment of the infusion rate.

Additionally, overdose might cause fluid overload, electrolyte imbalances and hyperosmolality.

In some rare serious cases, haemodialysis, haemofiltration or haemo-diafiltration may be considered.

Pharmacodynamic properties

Pharmacotherapeutic group: Solutions for parenteral nutrition.
ATC code: B05BA10

Lipid emulsion

The lipid emulsion of SmofKabiven Electrolyte Free is composed of Smoflipid and has a particle size and biological properties similar to those of endogenous chylomicrons. The constituents of Smoflipid; soya-bean oil, medium-chain triglycerides, olive oil and fish oil have except for their energy contents, their own pharmacodynamic properties.

Soya-bean oil has a high content of essential fatty acids. The omega-6 fatty acid linoleic acid is the most abundant (approx. 55-60%). Alpha-linolenic acid, an omega-3 fatty acid, constitutes about 8%. This part of the product provides the necessary amount of essential fatty acids.

Medium-chain fatty acids are rapidly oxidised and provide the body with a form of immediately available energy.

Olive oil mainly provides energy in the form of mono-unsaturated fatty acids, which are much less prone to peroxidation than the corresponding amount of poly-unsaturated fatty acids.

Fish oil is characterised by a high content of eicosapentaenoic acid (EPA) and docosahexaenoic acid (DHA). DHA is an important structural component of cell membranes, whereas EPA is a precursor of eicosanoids as prostaglandines, thromboxanes and leukotrienes.

Two studies providing home parenteral nutrition in patients in need of long-term nutrition support have been performed. The primary objective in both studies was to show safety. Efficacy was the secondary objective in one of the studies, which was done in paediatric patients. This study was stratified by age groups (1 month - <2 years, and 2 - 11 years respectively). Both studies showed that Smoflipid has the same safety profile as the comparator (Intralipid 20%). Efficacy in the paediatric study was measured by weight gain, height, body mass index, pre-albumin, retinol binding protein and fatty acid profile. There was no difference between the groups in any of the parameters except the fatty acid profile after 4 weeks treatment. The fatty acid profile in the Smoflipid patients revealed an increase in omega-3 fatty acids in plasma lipoproteins and red blood cells phospholipids and hence reflects the composition of the infused lipid emulsion.

Amino acids

The amino acids, constituents of protein in ordinary food, are utilised for tissue protein synthesis and any surplus is channelled to a number of metabolic pathways. Studies have shown a thermogenic effect of amino acid infusion.

Glucose

Glucose should have no pharmacodynamic effects apart from contributing to maintain or replete the normal nutritional status.

Pharmacokinetic properties

Lipid emulsion

The individual triglycerides in Smoflipid have different clearance rate but Smoflipid as a mixture is eliminated faster than long chain triglycerides (LCT). Olive oil has the slowest clearance rate of the components (somewhat slower than LCT) and medium chain triglycerides (MCT) the fastest. Fish oil in a mixture with LCT has the same clearance rate as LCT alone.

Amino acids

The principal pharmacokinetic properties of the infused amino acids are essentially the same as for amino acids supplied by ordinary food. However, the amino acids of dietary protein first enter the portal vein and then the systemic circulation, while intravenously infused amino acids reach the systemic circulation directly.

Glucose

The pharmacokinetic properties of infused glucose are essentially the same as those of glucose supplied by ordinary food.

Preclinical safety data

Preclinical safety studies with SmofKabiven Electrolyte Free have not been performed. However, preclinical data for Smoflipid as well as amino acid and glucose solutions of various concentrations reveal no special hazard for humans based on conventional studies of safety pharmacology, repeated dose toxicity and genotoxicity. No teratogenic effects or other embryotoxic injuries could be observed in rabbits with amino acid solutions and are not to be expected from fat emulsions and sodium glycerophosphate when giving at the recommended doses as substitution therapy. Nutritional products (amino acid solutions, fat emulsions) used in replacement therapy at physiological levels are not expected to be embryotoxic, teratogenic, or to influence reproductive performance or fertility.

In a test on guinea pigs (maximisation test) fish oil emulsion showed moderate dermal sensitisation. A systemic antigenicity test gave no indication of evidence of anaphylactic potential of fish oil.

In a local tolerance study in rabbits with SmofLipid a slight, transient inflammation after intra-arterial, paravenous or subcutaneous administration was observed. After intra-muscular administration a moderate transient inflammation and tissue necrosis were seen in some animals.

Incompatibilities

SmofKabiven Electrolyte Free may only be mixed with other medicinal products for which compatibility has been documented.

Shelf life

Shelf-life of the medicinal product as packaged for sale
2 years

Shelf-life after mixing

Chemical and physical in-use stability of the mixed three chamber bag has been demonstrated for 36 hours at 25°C. From a microbiological point of view the product should be used immediately. If not used immediately, in-use storage times and conditions prior to use are the responsibility of the user and would normally not be longer than 24 hours at 2-8°C.

Shelf-life after mixing with additives

From a microbiological point of view, the product should be used immediately when additions have been made. If not used immediately, the in-use storage time and conditions prior to use are the responsibility of the user and should normally not be longer than 24 hours at 2-8°C.

Special precautions for storage

Do not store above 25°C. Do not freeze. Store in overpouch.

Shelf life after mixing: See section Shelf life.

Shelf life after mixing with additives: See section Shelf life.

Nature and contents of container

The container consists of a multichamber inner bag and an overpouch. The inner bag is made of a multilayer polymer film, alternative Excel or Biofine.

The Biofine inner bag film consists of Poly (propylene-co-ethylene), synthetic rubber poly [styrene-block-(butylene-co-ethylene)] (SEBS) and synthetic rubber poly(styrene-block-isoprene) (SIS). The infusion and additive ports are made of polypropylene and synthetic rubber poly [styrene-block-(butylene-co-ethylene)] (SEBS) equipped with synthetic polyisoprene (latex-free) stoppers. The blind port, which is only used during manufacturing, is made of polypropylene equipped with a synthetic polyisoprene (latex-free) stopper.

Special precaution for disposal**Instructions for use**

Do not use if package is damaged. Use only if the amino acid and glucose solutions are clear and colourless or slightly yellow and the lipid emulsion is white and homogenous. The contents of the three separate chambers have to be mixed before use, and before any additions are made via the additive port.

After separation of the peelable seals the bag should be inverted on a number of occasions to ensure a homogenous mixture, which does not show any evidence of phase separation.

Compatibility

Only medicinal or nutrition solutions for which compatibility has been documented may be added to SmofKabiven Electrolyte Free. Compatibility for different additives and the storage time of the different admixtures will be available upon request.

Addition should be made aseptically.

For single use only. Any mixture remaining after infusion must be discarded.

Presentation :

493 ml (Biofine)

STORE PROTECTED FROM LIGHT AND NOT ABOVE 25°C

HARUS DENGAN RESEP DOKTER

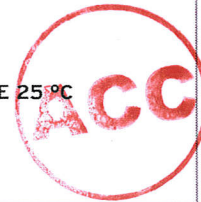
Manufactured by :

Fresenius Kabi Austria GmbH, Austria

Imported by :

PT. Fresenius Kabi Combiphar
Bandung-Indonesia

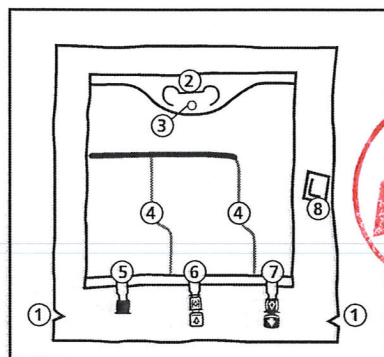
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Instructions for use

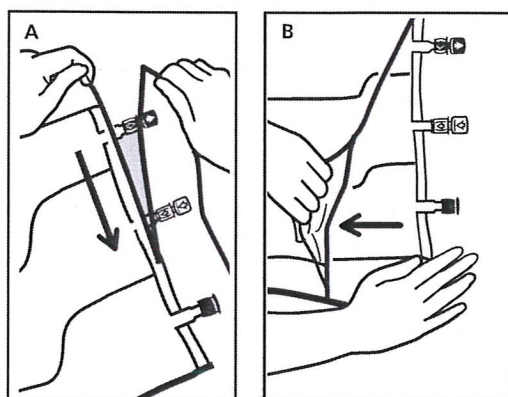
The bag

493 ml



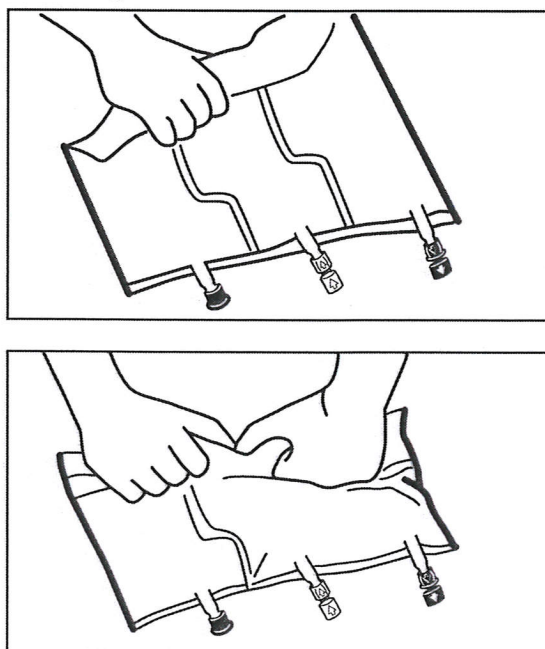
- ① Notches in the overpouch
- ② Handle
- ③ Hole for hanging the bag
- ④ Peelable seals
- ⑤ Blind port (only used during Manufacturing)
- ⑥ Additive port
- ⑦ Infusion port
- ⑧ Oxygen absorber

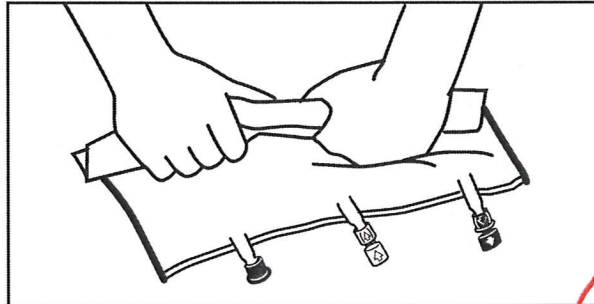
1. Removal of overpouch



- To remove overpouch, hold the bag horizontally and tear from the notch close to the ports along the upper edge (A).
- Then simply tear the long side, pull off the overpouch and discard it along with the oxygen absorber (B).

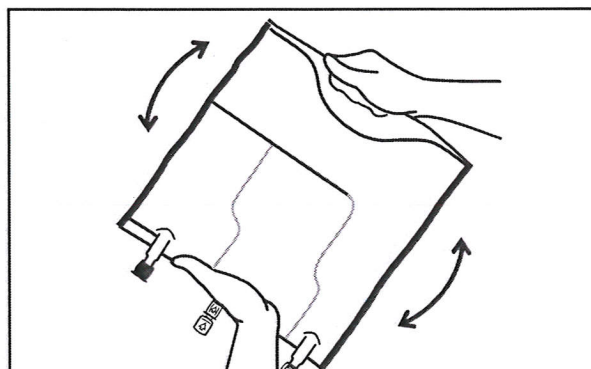
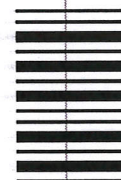
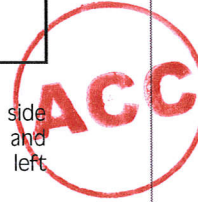
2. Mixing





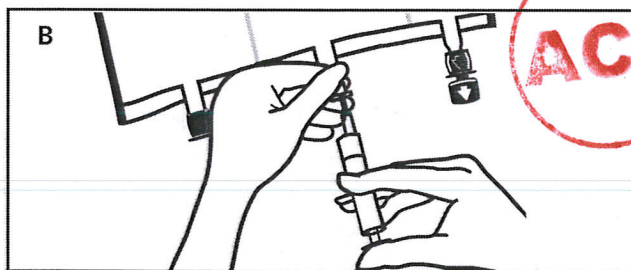
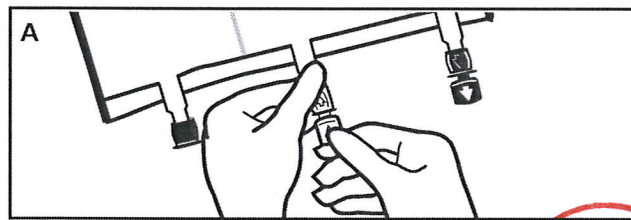
- Place the bag on a flat surface.
- Roll up the bag tightly from the handle side towards the ports, firstly with the right hand and then applying a constant pressure with the left hand until the vertical seals are broken. The vertical peel seals open due to the pressure of the fluid. The peel seals can also be opened before removing the overpouch.

Please note: The liquids mix easily although the horizontal seal remains closed.

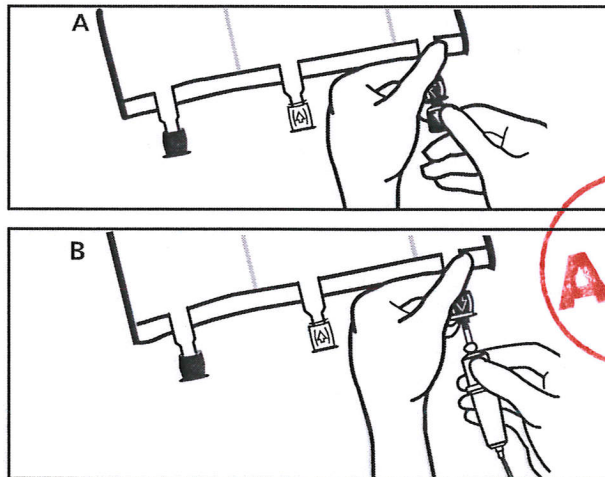


- Mix the contents of the three chambers by inverting the bag three times until the components are thoroughly mixed.

3. Finalising the preparation:



- Place the bag on a flat surface again. Shortly before injecting the additives, break off the tamper-evident arrow flag from the white additive port (A).
- Please note:* The membrane in the additive port is sterile.
- Hold the base of the additive port. Insert the needle, inject the additives (with known compatibility) through the centre of the injection site (B).
 - Mix thoroughly between each addition by inverting the bag three times. Use syringes with needles of 18-23 gauge and a length of max. 40 mm.



- Shortly before inserting the infusion set, break off the tamper evident arrow flag from the blue infusion port (A).

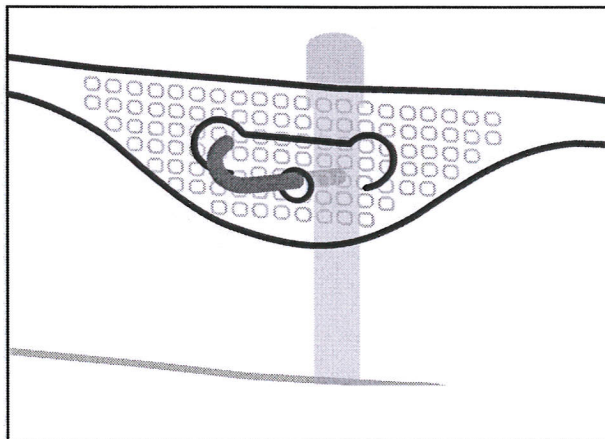
Please note: The membrane in the infusion port is sterile.

- Use a non-vented infusion set or close the air-inlet on a vented set.
- Hold the base of the infusion port.
- Push the spike through the infusion port.

The spike should be fully inserted to secure it in place.

Please note: The inner part of the infusion port is sterile.

4. Hanging up the bag



- Hang the bag up by the hole below the handle.

baglabel M0ETxxx/xx EXP

SMOFKabiven EF 493 ml

Size 280 x 240 mm

Smallest Font Size 8 pt.

Pharmacode x

EAN-Code: x

Colours

● black

● DIE CUT

1. Entwurf: 22.11.2012 | 10:59 Uhr
Christian Nagy +43(0)345272266-22**SmoFKabiven Electrolyte Free****Amino acids, Glucose, Lipid**

550 kcal

Emulsion for infusion

493 ml

Intravenous use, infusion into a central vein.

A three chamber bag (493 ml) contains

1. **Amino acid solution:** Alanine 3.5 g, arginine 3.0 g, glycine 2.8 g, histidine 0.8 g, isoleucine 1.3 g, leucine 1.9 g, lysine (as acetate) 1.7 g, methionine 1.1 g, phenylalanine 1.3 g, proline 2.8 g, serine 1.6 g, taurine 0.25 g, threonine 1.1 g, tryptophan 0.5 g, tyrosine 0.10 g, valine 1.6 g.

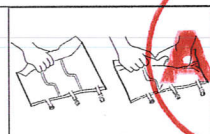
2. **Glucose 42 %:** Glucose (as monohydrate) 63 g.

3. **Lipid emulsion:** Refined soya-bean oil 5.6 g, medium-chain triglycerides 5.6 g, refined olive oil 4.7 g, fish oil rich in omega-3-fatty acids 2.8 g.

Corresponding to:

Amino acids 25 g, nitrogen 4 g, carbohydrates (glucose anhydrous) 63 g, lipids 19 g, acetate (contribution from amino acid solution) 37 mmol, phosphate (contribution from lipid emulsion) 1.4 mmol.

Energy content total approx. 550 kcal
Energy content non-protein approx. 450 kcal
Osmolality: approx. 1600 mosmol/kg water
Osmolarity: approx. 1300 mosmol/l
pH: approx. 5.6



Excipients: Glycerol, purified egg phospholipids, all-rac- α -tocopherol, sodium hydroxide (pH adjuster), sodium oleate, acetic acid glacial (pH adjuster), hydrochloric acid (pH adjuster), water for injections.

For single infusion only.
Read the package leaflet before use.
Keep out of the reach and sight of children.

The contents of the three separate chambers have to be mixed before use.
Additions should be made aseptically.

After mixing the product should be used immediately.

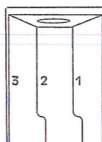
Do not store above 25°C. Do not freeze.
Store in overpouch.

Any unused solution remaining after infusion should be discarded.

Manufactured by:
Fresenius Kabi Austria GmbH, Austria

Imported by:
PT. Fresenius Kabi Combiphar
Bandung-Indonesia
Harus dengan resep dokter

Batch No :
Mfg. date :
Exp. date :
No. Reg :
HET : Rp



M0ETxxx/xx EXP

400

300

200

100

**FRESENIUS
KABI**