

**SCHEDULING STATUS:**

Not scheduled

PROPRIETARY NAME (and dosage form):

ELECTRO BOOST POWDER in 5.3g Sachets

COMPOSITION:

Each 5.3g sachet contains:	
Sodium (as chloride & citrate)	430mg
Potassium (as Chloride)	250mg
Chloride	558mg
Magnesium (As AAC & oxide)	80mg
Phosphorous (As AAC)	70mg
Zinc (As gluconate)	2mg
Manganese (As AAC)	0,2mg
Calcium (As citrate)	65mg
Thiamine HCL (Vitamin B1)	0,5mg
Riboflavin (Vitamin B2)	0,5mg
Ascorbic acid (Vitamin C)	70mg

INACTIVES:

Citric acid, Sodium Bicarbonate, Isomalt, Flavouring, Tartaric acid, polyethylene glycol, Sweetener (Acesulfame K/Sucralose), Silicon dioxide

PHARMACOLOGICAL CLASSIFICATION:

A 24 Mineral substitutes, electrolytes.

PHARMACOLOGICAL ACTION:

ELECTRO BOOST powder is an Electrolyte, Mineral and Vitamin mixture which, when mixed with water as directed replenishes electrolytes and fluids.

INDICATIONS:

ELECTRO BOOST oral solution is indicated for acute prevention and reversal of electrolyte depletion associated with diarrhoea and gastro-enteritis and fluid loss in infants, children and adults.

Athletes to use solution as replacement of electrolytes during physical exercise to treat and prevent dehydration.

CONTRA-INDICATIONS:

ELECTRO BOOST is contra-indicated in patients with renal impairment manifesting as oligouria or anuria, intestinal obstruction, paralytic ileus and intractable vomiting.

Severe diarrhoea where parenteral fluid therapy is required.

WARNINGS:

Contact a doctor, health professional, local clinic or hospital if:

- The infant cannot take fluid by mouth, or is becoming weaker and dehydrated.
- Severe diarrhoea continues for 12 hours.

Care should be exercised when the formulation is given to patients with renal failure and diabetes insipidus.

DOSAGE AND DIRECTIONS FOR USE:

Add contents of the sachet to 500ml of cold sterile drinking water and stir until completely dissolved.

Infants less than 1 year of age:	100 mL/kg/day (mix 1 sachet per 500ml Sterile water. Max 2 sachets dissolved in 1L p/day)
Children 1 - 2 years of age:	90 mL/kg/day (mix 1 sachet per 500ml Sterile water. Max 2 sachets dissolved in 1L p/day)
Children 2 - 4 years of age:	80 mL/kg/day (mix 1 sachet per 500ml Sterile water. Max 2,5 sachets dissolved in 1,5L p/day)
Children 4 - 10 years of age:	50 mL/kg/day (mix 1 sachet per 500ml Sterile water. Max 3 sachets dissolved in 1,5L p/day)
Children over 10 years and adults:	3 sachets p/day mixed in 1,5L Sterile water. Max 3 Sachets p/day

Athletes to take a few sips every 15-20 minutes during physical exercise.

Always discard unused solution if not used in a 24 hour period.

Dosage recommendations for mild dehydration:

Oral rehydration solution should be administered with a method that the infant is familiar with e.g., baby bottle, cup or spoon. Breastfeeding mothers may choose any of the aforementioned methods to administer the solution to their infants.

ELECTRO BOOST should be given in addition to and in between normal feeds/meals in small, frequent and slowly administered amounts.

The contents of one 5.3g sachet should be dissolved in 500mL of freshly boiled and cooled water.

Maintenance Therapy:

Patients should be observed carefully to confirm adequate maintenance of hydration.

Frequent clinical observations should be made to ensure that adequate hydration is being maintained. The maximal dose of ELECTRO BOOST should not be exceeded. If further fluid intake is required, free water should be given.

Infants less than 1 year of age should be given ½ to 1 cup (100 - 200 mL) of ELECTRO BOOST for every time their bowels work.

Children 1 to 5 years of age should be given at least one cup (200 mL) for every time their bowels work.

Older children and adults should drink enough ELECTRO BOOST to quench their thirst and replace the fluid lost in every stool.

If fluid volumes and body mass can be measured the following doses can be used instead of those above and a nasogastric tube can be used to administer ELECTRO BOOST:

Maintenance of hydration in patients unable to take usual feeds/meals:

Infants less than 1 year of age:	100 mL/kg/day (2 sachets mixed in 1L Sterile water)
Children 1 - 2 years of age:	90 mL/kg/day (2 sachets mixed in 1L Sterile water)
Children 2 - 4 years of age:	80 mL/kg/day (2,5 sachets mixed in 1,25L Sterile water)
Children 4 - 10 years of age:	50 mL/kg/day (3 sachets mixed in 1,5L Sterile water)
Children over 10 years and adults:	3 sachets p/day mixed in 1,5L Sterile water

Rehydration in mild dehydration:

50 mL/kg body mass over the first 6 hours, followed by maintenance therapy.

Rehydration in moderate to severe dehydration:

100 mL/kg body mass over the first 6 hours, followed by maintenance therapy.

Patients with moderate to severe dehydration are preferably rehydrated via the intravenous route with specially formulated intravenous dextrose-electrolyte solutions.

Ongoing losses:

For every stool passed 10 to 20 mL/kg body mass should be given in addition to and in between normal feeds/meals.

SIDE-EFFECTS AND SPECIAL PRECAUTIONS:

ELECTRO BOOST should not be mixed or given with other oral electrolyte solutions. Salt or sugar should not be added to ELECTRO BOOST.

When ELECTRO BOOST is used alone or as a supplement to parenteral fluid therapy, care must be taken not to exceed the total water and electrolyte requirements.

ELECTRO BOOST is Diabetic Friendly as it contains artificial sweeteners Acesulfame -K/Sucralose and Isomalt.

Sodium salts should be used with caution in patients with cardiac failure, hypertension, peripheral and pulmonary oedema.

Potassium should be given with caution to patients with renal or adrenal insufficiency, acute dehydration or heat cramps as well as patients receiving potassium-sparing diuretics.

KNOWN SYMPTOMS OF OVERDOSAGE AND PARTICULARS OF ITS TREATMENT:

Overdosage of potassium may cause hyperkalaemia with paraesthesia of the extremities, listlessness, mental confusion, weakness, paralysis, hypotension, cardiac arrhythmias, heart block, and cardiac arrest.

Overdosage of sodium may cause hypernatraemia, symptoms of which may include restlessness, weakness, thirst, reduced salivation and lachrymation, swollen tongue, flushing of the skin, pyrexia, dizziness, headache, oliguria, hypotension, tachycardia, delirium, hyperpnea and respiratory arrest.

Treatment is symptomatic and supportive.

IDENTIFICATION:

A white yellowish powder with a subtle Naartjie flavour

PRESENTATION:

Laminated foil sachet containing 5.3g of powder.

STORAGE INSTRUCTIONS:

Store in a dry place below 25°C.

Keep out of reach of children.

NAME AND BUSINESS ADDRESS OF THE APPLICANT:

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