

ECOSAVE

FIRST AID MEDICAL DEVICE FOR THE TREATMENT OF SNAKES, INSECTS, AND FISHES' POISONOUS BITES

WHAT ECOSAVE IS AND HOW IT WORKS

Ecosave is a pocket-size light electronic device that produces - through two electrodes - high-voltage and low-amperage discharges lasting ten microseconds at one second regular intervals.

It is an innovative and modern first aid tool – to be used while waiting for the intervention of a doctor or medical centre – and it acts with effectiveness against snakes bites, hymenoptera (bees, wasps, bumble-bees, etc.), anthropoids (scorpions, spiders etc.) and sea animals (fishes, jellyfishes, stinging coral) poisonous bites.

Ecosave can be part of the first-aid kit of any hiker, naturalist, forest ranger or environmental operator, farmer, bee-keeper, gardener and any other person in charge of hunting and ichthyic supervising. Hunters may use Ecosave also on their dogs in case of a viper's bite, which often leads to the death of the affected animal.

HOW TO USE ECOSAVE

The device releases an impulse, whose effect – similar to the effect of an electric shock – depends on individual sensitiveness.

Snakes

Typically, snakebites leave on the skin two distinct small holes - at a distance of about 10 mm from each other - caused by the venomous teeth. Place the two electrodes directly on the two holes, push the button and give a first impulse. Then keep one electrode on one of the holes and pivot around it with the other electrode while applying from 3 to 7 impulses or more, according to necessity, by moving the device clockwise. Then, do the same operation pivoting around the second hole. You will experience relief in few minutes. If necessary, repeat the procedure after a few minutes.

Do not apply any other method of first aid, such as cutting, sucking, etc.: these methods are currently considered useless and even dangerous. It is recommended to treat the limb as if it is broken and block it while waiting for the intervention of a doctor.

ATTENTION

*Ecosave can be used against viper's bites, whose poison acts locally through the blood as an hemocytotoxic agent. Ecosave is **NOT** effective against neurotoxic venom, like the cobra's one, which spreads through nerve fibres.*

Bumble-bees, bees, wasps, arachnids, fishes and jellyfishes

Hymenopteral's and other animals' stings can be very dangerous and don't have to be underestimated. Before using Ecosave please examine the affected area and remove the sting in case it is stuck into the skin, or possible remaining parts (thorns, tentacles or quills). Put the device's electrodes on the sting, and apply from 3 to 7 impulses or more, according to necessity, by moving the device clockwise. If necessary, repeat the procedure after a few minutes.

The affected area should be dried up before using Ecosave (for example in case of jellyfishes' and/or venomous fishes' stings). Please do not handle Ecosave with wet hands.

If the person is assisted quickly, in a few minutes the electric stimulation can reduce local symptoms – such as pain, soreness, reddening, swelling - as well as the venom's effects under the skin.

Ecosave is a first aid tool. In more severe cases (allergic subjects or snake bites) after treating the area with Ecosave, please seek for doctor/hospital assistance.

The effectiveness of the electrical stimulation technique has been and continues to be object of many studies and experimentations.

Ecosave è un dispositivo medico di classe IIa
Ecosave is a class IIa medical device



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WARNINGS

- Ecosave can be used on both adults and children (from 6 years old).
- Do not use on heart patients, on people wearing a pacemaker and/or on epileptics, pregnant women and children under 6 years.
- Do not use around the eyes, mouth or any sensitive area of the body.
- Do not use with wet hands, on wet areas.
- Do not use after the application of/ in proximity to any flammable substance such as insects repellents.
- A strictly personal use of the product is highly recommended, in order to avoid the transmission of infections. Please proceed with an accurate disinfection of the product before use, especially on bleeding areas, and if the use on different subjects is required.
- The use of Ecosave in absence of a bite and/or sting is not recommended. Its effects may be perceived as stronger than usual.
- Keep out of reach of children and people with reduced motor or sensory capabilities.
- Ecosave is a medical device: do not use it as a toy or a personal defence and/or offence tool.
- ATTENTION: the electric shock principle is effective ONLY against the hemocytotoxic poison while it is NOT effective against the neurotoxic poison (some kinds of snakes, like cobra, and some tropical animals - jellyfishes, fishes and other sea animals, insects and anthropoids -).
- Please keep these instructions.

TECHNICAL SPECIFICATIONS

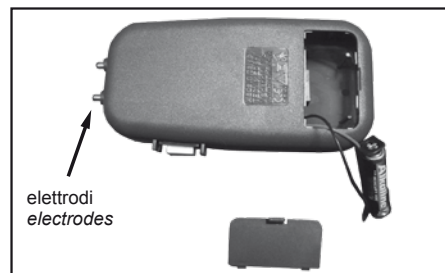
- Impulse flashover voltage: 20 KV; amperage: 0,7 mA;
 - Repeated shock of 10 microseconds (with one second breaks);
 - Operating temperature: from 0 to 80°C (40/176°F);
 - Supply: 1,5V AAA battery;
 - ABS shock-proof container; measures mm 150 x 36 x 74; weight (battery included): approx. 140 gr;
 - Battery's life (if alkaline): about 10.000 shocks.
- It's hardly recommended to remove the battery if you foreseen not to use the device for a long period. Please verify that the device battery works properly before any excursion or in case of fall, by pushing the button and producing a trial discharge in the air.

WARRANTY

TECNIMED Srl guarantees Ecosave against defects due to faulty materials or manufacture for a 2 years period, starting from the date of purchase. In case of breakdown, please send the device to the manufacturer, together with a copy of the receipt (or any other proof of the date of purchase). Warranty does not cover possible damage caused by faulty/discharged batteries, carelessness, improper use or break of the device.

SCIENTIFIC BIBLIOGRAPHY at www.ecosave.eu

COME INSERIRE LA BATTERIA HOW TO INSERT THE BATTERY



Cod. 91001/2 rev. 01 - 27.08.10



Ai sensi dell'art. 13 del Decreto Legislativo 25 luglio 2005, n. 151: il simbolo del cassonetto barrato indica che il prodotto alla fine della propria vita utile deve essere raccolto separatamente dagli altri rifiuti. L'utente dovrà, pertanto, conferire l'apparecchiatura giunta a fine vita agli idonei centri di raccolta differenziata dei rifiuti elettronici ed elettrotecnici. L'adeguata raccolta differenziata contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il reimpiego e/o riciclo dei materiali di cui è composta l'apparecchiatura. Lo smaltimento abusivo del prodotto da parte dell'utente comporta le sanzioni amministrative previste dalla normativa vigente.
Please dispose of the device in compliance with current law.



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