

SHUDHIKA

Skin Decontamination Kit

Shudhika is a skin decontamination kit, developed for use by the members of Quick Response Medical Teams to externally decontaminate the casualties exposed to radioactive contamination. The kit is able to decontaminate both dry and wet hot spots. The kit is easily refillable.

Complete material of Shudhika is housed in a portable, light weight, water-proof case with locking system. Shudhika contains various items required for the skin decontamination under the broad category of Decontaminants and Medicare items.

The list of items included under the category of decontaminants in the kit is as follows:

S. No.	Items	Quantity
1	Sterile Water	500ml
2	Liquid Soap	500 ml
3	4% Sod. Hypochlorite Sol.	250 ml
4	HCl (pH =1)	250 ml
5	Sod. Bicarbonate Sol.	250 ml
6	0.2 N Sulphuric Acid	250 ml
7	5% Sod. Bisulphite Sol.	250 ml.
8	DTPA Sol.	250 ml
9	EDTA Sol.	250 ml.
10	Oxalic Acid Sol.	250 ml
11	Citric Acid Sol.	250 ml
12	KMnO ₄ Solution	250 ml.

The list of items included under the category of Medicare items in the kit is as follows:

S. No.	Items	Quantity
1	Cotton applicator	1
2	Surgical cotton pads/rolls	1

3	Masking Tape	3
4	Brush with Soft Bristles	1
5	Triangular Bandages sterile	12
6	Eye Pads, Sterile	10
7	Melolin Non-Absorbent dressings large	20
8	Paraffin Gauze Dressings	10
9	Swabs	1
10	Crepe bandages	2
11	Water proof Bandages	1 strip
12	Nail Cutter & brush	1
13	Nasal Catheters	3

Apart from the above mentioned items , the kit also has a strip of Potassium Iodate Tablets.

The overall weight & Dimensions of the kit is as follows:

Length : 300 mm

Width : 250 mm

Height : 250 mm

Weight : 7.0 kg (apprx.)