

Klortab NaDCC comparison

CHEMICAL	NaDCC		SODIUM HYPOCHLORITE	
PRODUCT	Klortab NaDCC		BLEACH	
Active ingredient	% 60 sodium troclosene		% 8 sodium hypochlorite	
Solution activity	5.000ppm		9.000ppm	
Sporicidal Contact time	4 mins		5 mins	
Bactericidal Contact time	4 mins		10 mins	
Non-enveloped Viruses contact time	1 min		5 mins	
Residual activity	Yes		No	
Testing using EPA standards for its effectiveness in pollution.	Yes		Yes	
pH	6,5 – 7,0 (neutral)		12 – 13 (highly alkaline)	
Use compatibility with cloths and mops	Yes		Yes	
Cellulose	Yes		Yes	
Cotton	Yes		Yes	
Microfiber	Yes		Yes	
Format	Concentration	Using solution	Concentration	Using solution
PPE	Gloves	Gloves, goggles	Gloves, goggles, face mask, impervious clothing	Gloves, goggles, face mask, impervious clothing
Irritation of eyes	Yes	No	Yes	Yes
Irritation of skin	Yes	No	Yes	Yes
EPA lowest inhalation toxicity rate	Yes	Yes	Yes	Yes
Smell	None (tablet)	Very mild chlorine smell	Strong chlorine	Strong chlorine
Incompatible materials	Carbon steel Cast iron		Non-stainless steel, aluminum, silver, chipped enamel marble, vinyl fabrics	
Easy mixing	Very easy Tablet formulation eliminates splash and vapor. The formulation of the tablets is straightforward, no extra measuring material is required. There is little need for Personal Protective Equipment.		Hard The liquid formulation splashes around and gives off steam. Measuring material required. Requires moderate personal protective equipment.	



ADA AQUA CHEMICAL INDUSTRY AND TRADE INC.

Çamlıca Mahallesi 147. Cadde Dimas İşyerleri Sitesi No:4-C Yenimahalle Ankara

PHONE: 0312 387 00 47 FAX: 0312 387 00 43 GSM: 0554 870 50 01

E.MAIL: info@adaaqua.com.tr www.adaaqua.com.tr



CHEMICAL PRODUCT	NaDCC Klortab NaDCC	SODIUM HYPOCHLORITE BLEACH
Mixing hazards	NONE	Spilled or dispersed solution: damages fabrics, carpets, harmful to eyes and skin
Ability to prepare the right solution	Yes, the tablets are in the correct formulation per liter.	No. User should measure with a measuring instrument for correct concentration
Shelf life Concentrated Using solution	2 years 7 days	1 year 1 day
Storage necessity	Low The tablets packaged into the boxes	Middle Liquid drum, measuring cup, personal protective clothing
Maintenance	None	None
Transportation	Easy	Easy. Excluding air
Transportation cost	Low	high. The transportation cost of 5 liters of product is equal to the concentration transportation price to be prepared by a 25 liter tablet.
Storage level	None	None
Disposal	The carrier must be rinsed with water before disposal.	It should be washed in running water before and after use. The carrier must be rinsed with pressurized water before disposal. It is not reused.
Environmental hazard	None. Biodegradable	Toxic to fish and aquatic organisms.
Packaging materials	Recyclable	Non-Recyclable



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