

## VKS-DC

“High Level” sanitiser with wide activity spectrum

### APPLICATIONS

**VKS - DC** for its really strong activity on the contamination microbes has been named “high level sanitiser”: it guarantee a 99,999% reduction of total microbial and contamination count (bacteria, spores, viruses and fungus).

See on the table below example of **VKS-DC** activity at different concentration levels.

**VKS - DC** has a powerful sanitising action. It is carried on by active chlorine in a very oxidative acid media.

**VKS - DC** most important characteristics:

- based on chlorine-oxygen combined action has a sanitising wide activity spectrum
- LD > 2000 mg/kg
- very rapid action: 10 min contact time of 1% solution for complete microbial count reduction; 12 hours for 0,1 % solution
- high stability: if well stored the powder keeps its properties for more than 5 years
- biodegradable at over 90 % in short time (< 48 h)
- easy to use: quickly soluble in room temperature water
- economical application: if well stored the solution can be used again (up to 5 days from the preparation)

Concentration (%)	Time of contact for complete action
0,1	12 hours
0,5	30 minutes
1	10 minutes
2	1 minute

### DOSES AND INSTRUCTIONS FOR USE

- **Micro-filtration and bottling:** fill up completely final filter housing and filler machine with **VKS-DC** at 0,5 % just after their detersion. Keep in contact for about 30 min. Discharge the solution under a little pressure (0,5 bar). Discharge and rinse at least 3 times using micro-filtered water.
- **Corking machine:** ask for DD2000 kit (spray) for sterilising these parts of the bottling line. Make a **VKS-DC** 1% solution in the plastic container and spray on the parts to be sterilised. Rinse with micro-filtered water.
- **Other filters (pre-filtration, etc):** make a **VKS-DC** 1% solution in 35-40°C water and keep in recirculation the all plant parts for 10-30 minutes. Keep pre-filtration membranes in contact for at least 3 hours. Rinse at least 3 times with micro-filtered water.
- **Other applications:** tanks, pressurised tanks, hoppers, pumps, pipelines (inox and PVC) and hoses can be sterilised by spraying or irrigating a 0,5% **VKS-DC** solution. Keep in contact for 30 minutes, then rinse with fresh water.

### SAFETY INFORMATION

The product is classified as irritating.

### PACKAGING

5 kg container.

In powder form the product remains the same at least for 5 years if kept in a fresh and dry place