

# FAQS

# KATALOX – LIGHT

## FREQUENTLY ASKED QUESTIONS

**Q Is Katalox-Light a non-chemical media?**

A Yes, Katalox-Light does not require the use of  $\text{KMnO}_4$  or Chlorine or any dangerous chemicals.

### **CAUTION**

Many industrial chemicals and other toxic pollutants will not be removed by filtration. Every media needs a regular disinfection.

**Q Does Katalox-Light need pH > 6.5 or Oxygen at least 15%?**

A No, Katalox-Light does not need pH of 6.5 but it should be higher than 5.6. Oxygen in water does not play any role working with Katalox-Light.

**Q How long should Katalox-Light media soak before going to service?**

A Media does not need any conditioning like all other conventional medias. Media should only be backwashed for one hour just after filling in the tank.

## **Katalox-Light is not a Sand !**

**Q Is it necessary to use  $\text{KMnO}_4$  to regenerate Katalox-Light?**

A No, never use  $\text{KMnO}_4$  or Chlorine including Ozone or Hydrogen peroxide.

**Q What is recommended to clean the media when needed?**

A **OXYDES-P** - the name sounds simple enough but there exists (P) Power. **OXYDES-P** contains no Chlorine or toxic chemicals like  $\text{KMnO}_4$ .

**Q Why is **OXYDES-P** method of regeneration an advantage?**

A Using a product, such as **OXYDES-P** non-chlorine has many advantages over conventional disinfection or cleaning products. Using an Oxidant which produces Disinfection by Products (DBP's) make the water not suitable for Drinking. Using **OXYDES-P** will boost the Cleaning and Disinfection and destroy Organic by products on the surface of any filter media, Ion exchange resins, activated carbon or membrane surfaces in less than one minute after application.

### **CAUTION**

All filter medias, for example long term increase in total viable bacteria levels in feed water, which cannot be reduced by backwash which need a strong oxidizer without DBP's.

**Q Does OXYDES-P harm Katalox-Light or Activated Carbon?**

**A OXYDES-P** contains no by-products that can cause chloramines or Trihalomethane (THM's). Potassium permanganate, which is highly dangerous material that is not recommended at all for use in the residential as well as commercial applications.

**Q Why should all Filter media, Ion-exchange resins, Activated Carbon or Membrane should be disinfected?**

**A** When Drinking water from city or well water from ground is used its disinfected with Chlorine when reaches to any application its changes to Chloramines which are highly toxic, Katalox-Light adsorb these toxic by products on its surface and needs periodic cleaning, not regeneration.

**Q What is the life expectancy of Katalox-Light and Catalytic Carbon?**

**A** Katalox-Light 10 years  
Catalytic Carbon 5 years.

**Q How important is the backwash for Katalox-Light?**

**A** More frequently the backwash is recommended every 2 days for max 10 to 15 minutes. It is very important to the life of Katalox-Light. Clean bed works better and it restores the performance.

**Q How much OXYDES-P is needed for cleaning and disinfection?**

**A** The normal application dosage for **OXYDES-P** is 25 grams (0.882 ounces) for 28 liters of (per cubic feet) of Katalox-Light.

**Q What is the pH of OXYDES-P?**

**A** The pH of the **OXYDES-P** is around a little Acidic to destroy tannin on surface of any media.

- **OXYDES-P** and **Instant OXYDES** offer a safe, convenient and modern filter medias, Activated Carbons, Ion exchange Resins or Membranes like UF, NF and reverse osmosis.
- There is none of the Oxidizer better, more efficient and safer than **OXYDES-P** or **Instant OXYDES**.

### **CAUTION**

Periodic sanitization of all medias including carbon, resins, membranes is needed only **OXYDES-P** will provide total destruction of bacteria within the bed.

### **OXYDES-P** in practice

#### a) Powder

The powder is supplied in 3 pack sizes

- **1 kg bags** (box of 20) for multiple regenerations and cleanings
- **2 kg bags** (box of 10) for commercial applications
- **5 kg bags** (box of 4) for municipal applications

#### a) Solution (brine suction) or direct use

**Max. solution:** 1 gram of for each 1liter of Katalox-Light

**Recommended:** 25 grams for 28 liters (or one cubic feet) of Katalox-Light. The 25 grams should be added to 2 liters of water. The solution is stable for at least 10 days.

#### Q **What is the OXYDES-P shelf life?**

A Life of **OXYDES-P** if stored correctly is stable for 4 years.

#### Q **What special precautions do you need when using OXYDES-P?**

A In a simple word, NONE. The only precaution to be taken when using **OXYDES-P** is that you must not inhale the powder. This instruction, however, would be for all powders whether it be talcum powder, flour, etc.

#### Q **Any other recommendation?**

A Yes, do not ever use chlorine,  $\text{KMnO}_4$ . Please think of disinfection by products which cause cancer (carcinogenic). **OXYDES-P** does not have any carcinogenic potential.

## CAUTION! Why Not Pure Manganese Dioxide ?

### **VERY IMPORTANT**

Supplied as a powder does not evolve Chlorine (toxic) on any media surface and replaces the unpleasant hypochlorites of  $\text{KMnO}_4$ . The choice between efficacy and safety demanded by existing Oxidants does not apply to **OXYDES-P**. Expensive ventilation is not required. **OXYDES-P** has no harmful vapor phase. Maximum range of uses, ease of use, rapid protection for stall, ensures destruction of organics, destroying organisms for any surface on earth easy and safe. **OXYDES-P** can replace all dirty existing disinfectants and regenerates. Cleaning, regeneration and disinfection in One single process.

### **WEIGHT AND BACTERIA**

Manganese Dioxide or sand media's have huge disadvantage. First its heavy. It is so heavy that it can only be packed in half cubic feet bag (14 liters) and weighs 28 kg) 57 lbs. It cannot be backwashed and gets full of bio-contamination. For proper backwash, it uses more water than clean water and the whole sale price is almost triple of Katalox-Light. Hundred disadvantages of Sand - be it green, blue or black if its heavy - it is useless!

*Request for Comparison Chart of Katalox-Light vs. other filters available in market.*

#### Q **Where else can you use OXYDES-P?**

- A Anywhere where you want to be free of Viruses, Bacteria, Fungi, Spores, Mycobacteria
- ✓ Suitable for each and every environmental use.

*No.1 Regenerant  
and Disinfectant  
in the world!*