



CATCARB®

CATALYTIC ACTIVATED CARBON

Removes Chloramines & Hydrogen Sulfide from drinking water

CATCARB treasures an array of exclusive characteristics,

- Catalytic grade
- Rapid dechlorination rate
- Higher retention
- Optimized density
- Maximum hardness
- Excellent micro porous structure
- Low ash contents and lesser impurities
- High hardness level and low dust level
- Higher surface area and extended adsorption capacity

Specification :

Iodine No.	1100 mg/g, min
Moisture content	4%, max
Total ash content	3%, max
Hardness	98%, min
Catalytic activity	20°C, min
Apparent density	0.52 g/ml, min
Particle sizes, mesh	12x40, 80x325, 50x200 etc.

What is Chloramine ?

Chloramine is an inorganic compound created by combining free chlorine, the type of chlorine typically found in municipal water with ammonia. Chloramine is more stable chemically than chlorine and retains its effectiveness for a longer period of time within water distribution systems. Chloramine also produces measurably lower levels of Disinfection by-products (DBPs) in distribution systems, and as a result is emerging as perhaps the best available technology for public water disinfection. Chloramine is regulated by the US EPA, with a maximum contaminant level of four mg/L (ppm). Water with chloramine levels that meet the EPA standard are associated with minimal to no risk and are safe.

Water containing chloramines well in excess of the maximum residual disinfectant levels can have a string of undesirable side effects on water quality, human health, pipes, and plumbing like –

- irritates the skin and eyes, stomach discomfort or anemia.
- may harm kidney dialysis patients.
- toxic to aquatic animals and plants.
- corrodes metal pipes, solders and plumbing fixtures leaching lead, copper etc.
- deteriorates rubber plumping parts, like toilet flappers and rubber casings.

Leading-edge technology

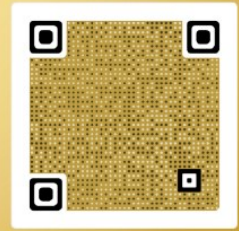
CATCARB is a trademarked high activity, catalytic grade of activated carbon manufactured by steam activation of selected grades of coconut shells. It is surface modified to enhance the carbon capability significantly for decomposing components like chloramine and hydrogen sulphide in a rapid pace. CATCARB provides improved water quality results by removing chlorine, TCE, PCE, THM's, Phenols, detergents, pesticides, taste and odor.

IndoCarb
BLACK OPAL

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