



## CCC GAC - CBRN+

NBC/CBRN grade activated carbon media

### Standard Product Specifications

CCC GAC - CBRN+ is a specially developed NBC/CBRN grade carbon for using poisonous gases very effectively. This product is capable of destroying gases like cyanogen chloride, hydrogen cyanide, phosgene and arsine, nerve agent sarin, and tear agent chloropicrin. The adsorbed gases are converted into nonvolatile non-poisonous inorganic salts. The base material is manufactured by steam activation at high temperature on coconut shell charcoal.

#### Specifications:

Surface Area BET (m <sup>2</sup> /g)	1000 min
Apparent Density (g/ml)	0.680 max
Moisture (%)	1 max
Ball Pan Hardness (No.)	85 min

The adsorption capacity of **CCC GAC - CBRN+** is tested against the following gases. The adsorbed gases will never come out as they are destroyed completely and deposited in the pores of the carbon.

#### Testing gas details

AC (Hydrogen Cyanide)

CK (Cyanogen Chloride)

CG (Phosgene)

DMMP (Dimethylmethylphosphonate)

#### Typical Applications

- NBC/CBRN application
- Removal of war fields gases
- Removal of cyanogen chloride, hydrogen cyanide, phosgene etc.

#### Features and Benefits

- Wide range of protection against war gases
- Designed for longer performance and temperature stability

#### Available Particle Sizes

- 12 x 30 (1.68mm x 0.595mm)
- 12 x 20 (1.68mm x 0.841mm)
- 7 x 16 (2.83mm x 1.19mm)
- 14 x 35 (1.41mm x 0.5mm)

#### Standard Packaging

- 25 kg PP bags (55 lbs)
- 500 kg jumbo bags (1100 lbs)
- Other packing can be possible on request