



# Product Specification

cdhfinechemical.com

## DARCO G 60 AR

<b>PRODUCT CODE</b>	<b>505495</b>	
<b>SYNONYMS</b>	Activated charcoal	
<b>C.I. NO.</b>	--	
<b>CASR NO.</b>	7440-44-0	
<b>ATOMIC OR MOLECULAR FORMULA</b>	C	<b>C</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	12.01	
<b>PROPERTIES</b>	--	
<b>PARAMETER</b>	<b>LIMIT</b>	
Description	A fine black powder.	
Solubility	Insoluble in water	
pH value	6.0-7.5	
Methylene blue adsorption (0.15% solution)	20ml (300 mg/g)	
KMnO <sub>4</sub> Adsorption	Min. 60.0%	
<b>MAXIMUM LIMIT OF IMPURITIES</b>		
Loss on drying at 20°C	12.0%	
Ash content	2.5%	
Substances soluble in hydrochloric acid	1.0%	
Substances soluble in Water	0.2%	
Substances soluble in ethanol matter	0.2%	
Phosphate (PO <sub>4</sub> )	0.005%	
Chloride (Cl)	0.01%	
Heavy metals (as pb)	0.005%	
Iron (Fe)	0.3%	
Sulphate(SO <sub>4</sub> )	0.01%	
Zinc (Zn)	0.001%	
Residue on ignition	7.0%	
Particle size 300 mesh	68.0%	

**Note(s) : Assay (if applicable) method mentioned.**

### WARNING

**HAZARD STATEMENTS** :Flammable powder.

### PRECAUTIONARY STATEMENTS :

**Prevention** :Ground/bond container and receiving equipment. Use only nonsparking tools. Take precautionary Measures against static discharge. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this

product. Keep away from heat/sparks/open flame - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting/equipment. Wear protective gloves and eye/face protection.

**Response** :In case of fire, use foam for extinction.

**Disposal** :Allow to evaporate in safe open area (applicable for small quantities). The chemical should be burnt in a chemical incinerator equipped with burner and scrubber. If the volumes are larger than 500ml and no incinerator and site of evaporation is not available then transfer the waste chemical to waste solvent drum for collection by specialist disposal company.

IMDG Code : --

UN No. : --

IATA : --

### Hazard Pictogram(s) :



GHS02

Replace date 21-Apr-2026