

CHARCOAL ACTIVATED ACID WASHED AR/ACS ACTIVATED CARBON MEETS ANALYTICAL SPEC. OF USP, BP, Ph. EUR., MB VALUE MIN.280

PRODUCT CODE	491520
SYNONYMS	Activated charcoal.
C.I. NO.	--
CASR NO.	(7440-44-0)
ATOMIC OR MOLECULAR FORMULA	C
ATOMIC OR MOLECULAR WEIGHT	12.01
PROPERTIES	An amorphous form of carbon characterized by high adsorptivity for many gases,vapors and colloidal solids.
PARAMETER	LIMIT
Description	A fine black powder.
Solubility	Insoluble in water.
pH value	6.0-7.5
Particle size passing through 300 mesh	Min 60%
Methylene blue adsorption(Min)	280 mg/gm
MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 120°C)	15%
Sulphated Ash	4.0%
Acid solubles	3.0%
Note(s):Assay (if applicable) method mentioned.	
WARNING	IMDG Code : 4.2/III
HAZARD STATEMENTS :May cause respiratory irritation. Flammable liquid and vapour. Harmful if swallowed. Causes mild skin irritation. Causes eye irritation.	UN No. : 1362
PRECAUTIONARY STATEMENTS :	IATA : 4.2
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 :If eye irritation persists, get medical advice/attention. If skin irritation occurs, seek medical advice/attention. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Specific treatment: refer to Label or MSDS. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. 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.	
Hazard Pictogram(s) :	
	 
	GHS02 GHS07

Replace date 30-Sep-2025