

# ACTIVATED CARBON MSDS

## Section I - Substance Identification

Product Name : ACTIVATED CARBON

Chemical Name : Carbon, Activated Carbon, Activated Charcoal

## Section II – Hazardous Ingredients

This material is 100% activated carbon. There are no established PEL, TWA, or TLV values for this material. Caution should be taken for respirable dust.

The ACGIH TWA for respirable dust is 2.2 mg/m<sup>3</sup>. The product has no carcinogenic properties.

## Section III - Physical Data

Description : Colorless black solid, granule, pellet or flake/powder

Vapor Pressure : N/A Boiling Point : N/A

Vapor Density : N/A Volatile Percent : N/A

Solubility : Not Soluble Apparent Density : 0.48-0.52 g/cc

Stability : Stable

Incompatibility : Avoid Contact with strong oxidizers

## Section IV - Health Data

Overexposure Effects : This product is non-toxic through ingestion. It is non-toxic through skin absorption. It is not a primary skin irritant. No sensitization effects are known. It is non-toxic through inhalation. Due to its physical properties, carbon dust may irritate the respiratory system and produce eye irritation. In case of eye contact, flush with water for at least 15 minutes.

Contact a doctor immediately. For inhalation, remove the person from the area

First Aid : In case of eye contact, flush with water for at least 15 minutes. Contact a doctor immediately. For inhalation, remove the person from the area

## Section V – Spill or Leak Procedures

Reportable Quantities : No EPA RQ for this product

If spilled or leaked : Sweep/shovel up and discard or repackage

Waste Disposal Method : Unused carbon may be disposed of in refuse container.

## Section VI – Handling & Storage

Protective Gloves : Recommended

Eye Protection : Safety glasses recommended

Other Protective Clothing : None

Ventilation : Local exhausts to control dust

Work/Hygienic Practices : Wash thoroughly after handling.

Respiratory Protection : A high efficiency particulate filter is recommended for dust.

**Section VII - Special Precautions**

Wet activated carbon removes oxygen from air causing a severe hazard to workers in confined spaces. Sampling and work procedures for low oxygen levels should be taken to ensure ample oxygen availability, in accordance with all local, state and federal regulations.

PSC1230AW AND PSC1240AW are virgin acid washed activated carbon which is granular in form. Made from the finest grades of coconut shell. The products are acid washed to lower its ash, double screened, and de-dusted in process prior to packaging to assure a clean, hard, dust free product with long service life. these are ideal for many liquid phase applications including the removal of organics from water streams. Its superior adsorptive capacity and low level of impurities make it cleaner than most other carbons.

Acid Washed Coconut Shell GAC 12x40 Mesh				
	Unit		Products Range	Remarks
Mesh Size	mm		12x40	or as required
Iodine	mg/g	Minimum	1100-1150	or as required
CCL4/CTC	%	Minimum	60	or as required
Surface Area	m <sup>2</sup> /g		1050-1150	or as required
Apparent Density	g/cc		0.45-0.50	or as required
Hardness	%	Minimum	98	or as required
Ash Content	%	Maximum	0.5	or as required
Moisture	%	Maximum	3	or as required
Other specifications can be controlled upon request				