

MATERIAL SAFETY DATA SHEET

COCONUT SHELL BASED STEAM ACTIVATED CARBON

Revision No. 008 dt. 15/10/2008

Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer Name & Address	Gowrishankar Chemicals (P) Ltd K.B.Cross, KIBBANAHALLI 572 114 Tumkur Dist. Karnataka, INDI email: info@gcarbon.com
EMERGENCY TELEPHONE NUMBERS	+91 (0)8134 262046, FAX: + 91 (0)8134 262070
NAME USED ON LABELS	G-CARBON
CHEMICAL NAME	STEAM ACTIVATED CARBON
GRADES	GS500@ GS600@ GS800@ GS850@ GS900@ GS1000@ GS1100@ GS700PK @ GS1200@ GS45CT, GS50CT, GS55CT, GS60CT 203C , 207C
CHEMICAL FAMILY	Steam Activated Carbon
PRODUCT USE	Liquid and vapor application (purification, decolonization, separation & deodorization, effluent treatment, dechlorination)

Section 2 – COMPOSITION INFORMATION ON INGREDIENTS

Identity	CAS No	Typical %	OSHA Hazard	HS CODE
Activated Carbon	7440-44-0	100%	N	3802 1000

Section 3 – HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:			
Eyes Contact	Not Corrosive but like most dust may cause irritation.		
Skin Contact	Not Corrosive and no irritation.		
Ingestion	No known deleterious effects.		
Inhalation	Possible mild irritation.		
Chronic Effects	IARC: Not Listed	NTP: Not Listed	OSHA: Not Regulated

Section 4 – FIRST AID MEASURES

IF IN EYES	Immediately flush with plenty of fresh water.
IF ON SKIN	Flush the area with plenty of water.
IF SWALLOWED	Induce vomiting as directed by medical personnel. Give medical attention
IF INHALED	Remove to fresh air.

Section 5 – FIRE FIGHTING MEASURES

Flash Point (Test Method)	Non Flammable
Auto ignition Temperature	Non Flammable
Flammable Limits	Upper: NA Lower: NA
EXTINGUISHING MEDIA	Water spray, carbon dioxide, foam, or dry chemical. When burned products of combustion including dioxides of carbon can occur.

Section 6 – HANDLING AND STORAGE

HANDLING	Keep bags closed until ready for use. Avoid breathing dust. Avoid contact with eyes. Wash hands and contact area after handling.
STORAGE	Product should be stored in dry, well ventilated area. Store away from ozone, liquid oxygen, chlorine, permanganate etc.
SHELF LIFE	Activated Carbon has a shelf life of two years from the date of Test Report.

Section 7 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point	NA
Specific Gravity	1.5 – 2.1
Vapor Pressure at 30deg C	NA
Vapor Density	NA
Freezing Point	NA
% Volatilities	NA
Solubility in Water	Insoluble
Appearance	Black dense granules with no odor
Evaporation Rate	NA

Section 8 – TOXICOLOGICAL INFORMATION

Material non toxic.

Section 9 – ECOLOGICAL INFORMATION

This material is not harmful to environment. Used activated carbon may exhibit characteristic of the adsorbed material.

Section 10- TRANSPORT INFORMATION

Proper Shipping Name	STEAM ACTIVATED CARBON (NOT DOT REGULATED)
Hazard Class	Not Applicable
UN/NA Number	Not Applicable
Packing Group	Not Applicable

Further more the provisions of the International Maritime Dangerous Goods Code (IMDG Code) under the category Carbon, Activated of UN number classification 1362 IMDG code class 4.2 (2004 Edition) do not apply to Activated Carbon produced via the Steam Activation Process, by the exemption provided under special provision 925 of the IMDG 2004 Edition code book. It is excluded from IATA#395, IMCO class 4.2 or UN 1362. Product tariff is 3802.10.00

Section 11 – STABILITY AND REACTIVITY DATA

Stability	This product is stable under normal conditions of storage, shipment and use.
Hazardous Decomposition Products	Nil
Hazardous Polymerization	Does not occur