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# SAFETY DATA SHEET

## STEAM ACTIVATED CARBON

EFFECTIVE DATE: 01/01/2022

### Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer Name & Address: **WESTERN CARBON & CHEMICALS**

703, ATRIA- II,  
ISCON HEIGHTS,  
GOTRI ROAD,  
VADODARA - 390 021

Telephone Number: +91 8140680001

Chemical Name: ACTIVATED CARBON

Chemical Family: ACTIVATED CARBON

Trade Name: All Grade of Activated Carbon  
Purification, Decolonization, Separation &

Product Use: 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 : May cause mechanical irritation. Avoid contact with eyes.  
Skin Contact : May cause mechanical irritation. Avoid contact with skin.  
Ingestion : Adverse health effects are not known or expected under normal use.  
              : Dust may be irritating to respiratory tract. Provide appropriate local  
              exhaust  
Inhalation : ventilation at machinery and at places where dust can be generated  
Target Organ Effects: : Lungs, Eyes, Skin

### 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  
                                  Upper: NA  
EXTINGUISHING MEDIA : Water spray, carbon dioxide, foam, or dry chemical.  
                                  When burned products of combustion including dioxides of carbon can occur.

### Section 6 - ACCIDENTAL RELEASE MEASURES

#### IF SPILL OR LEAKE OCCURS

Clean up spills in a manner that does not disperse dust into the air. Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure, and removal of material from eyes, skin and clothing.

#### DISPOSAL METHOD

Spent granular activated carbon may be recyclable. Dispose of virgin(unused) carbon (waste or spilled) in a facility permitted for non-hazardous waste. Spent (used) carbon should be disposed in accordance With applicable laws.

#### CONTAINER DISPOSAL

Do not use empty bags. Dispose of in facility permitted for non-hazardous waste.



## Section 7 - 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 five years from the date of Test Report.

## Section 8 - EXPOSURE CONTROLS/ PERSONAL PROTECTION

Eye Protection	: Safety glasses with side shields are recommended while handling. Through flushing with fresh water if material contact with eye happens.
Skin Protection	: Avoid direct skin exposure. Wash hands or any contact parts with plenty of fresh water.
Respiratory Protection	: Use appropriate BIS/NIOSH/MSHA approved particulate respirators is necessary.
Airborne exposure limits	: Recommended limits for 8 hrs; Total Dust 2.1 mg/cu.m, Respirable Fraction: 0.7 mg/cu.m

## Section 9 – 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 granules & powder
Evaporation Rate	: NA



## Section 10 - STABILITY AND REACTIVITY DATA

STABILITY	: This product is stable under the specified conditions of storage, shipment and use.
PRODUCT	: Oxides of Carbon
INCOMPATIBILITY	: Contact with strong oxidizing agents like ozone, liquid oxygen, chlorine, permanganate, etc may result in rapid combustion. Avoid in contact with strong acids.

## Section 11 – TOXICOLOGICAL INFORMATION

Material non toxic.

## Section 12 – ECOLOGICAL INFORMATION

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

## Section 13 – DISPOSAL CONSIDERATIONS

Activated carbon in its original state is a non-hazardous material non-hazardous waste. Follow applicable local laws for disposal of waste. Used activated carbon may become classified as a non-hazardous waste depending on the application.

## Section 14- TRANSPORT INFORMATION

Proper Shipping Name	: STEAM ACTIVATED CARBON ( NOT DOT REGULATED)
Hazard Class	: Not Applicable
UN/NA Number	: Not Applicable
Packing Group	: Not Applicable
Freight Classification	: STCC Code #2899643 NMFC #040560



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**IMO/IMDG**

UN/NA Identification number : Non on finished product  
UN-proper shipping name : Not regulated  
Transport hazard class : Non on finished product  
Packing groups : Non on finished product  
Marine pollutant : Non on finished product

**Section 15 – REGULATORY INFORMATION**

Applicable PCB rules should be followed.

**Section 16 – OTHER INFORMATION**

Wet activated carbon depletes oxygen from air and therefore dangerously low levels of oxygen may be encountered. Whenever workers enter vessel or confined space containing activated carbon, the vessels oxygen levels should be monitored and work precautions for potentially low oxygen areas should be followed. This granular activated carbon is steam activated

**Disclaimer:**

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