

CARBÓN ACTIVADO EN PELLETS

FICHA DE SEGURIDAD

Section 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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Trade Name: All Grade of Activated Carbon
Purification, Decolorization, Separation &
Deodorization,
Product Use: 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

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
INCOMPATABILITY	: 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. Follow applicable local laws for disposal of waste. Used activated carbon may become classified as 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

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. Product confirms to EN 12915-1:2009(E).

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

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