

# THE SUBSTANCE



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Official Newsletter of Innovative Products, Solutions and Services of SBS Philippines Corporation

**Activated Carbon** is used in the food industry for decolorization, deodorization, and purification purposes.



It is known for its high surface area and adsorptive properties, which allow it to effectively remove impurities, odors, and flavors from food products. *(page 2)*



## THE 16TH PHILIPPINE FOOD EXPO 2024

The 16th edition of the Philippine Food Expo was recently held at the World Trade Center Metro Manila in Pasay City, and it turned out to be a great success. This yearly event serves as an excellent platform for food industry professionals, including exhibitors, culinary enthusiasts, and industry leaders, to come together and showcase their latest products, innovations, and services. *(page 4)*



## ACTIVATED CARBON IN FOOD AND BEVERAGE INDUSTRY

Activated Carbon is used in various applications, including food processing and purification. Activated Carbon has an application in Edible Oils, Soft Drinks and Alcohols, Monosodium glutamate (MSG), Sugar, Sweeteners.

**Edible Oils:** Decolorization of edible oil with activated carbon is a crucial process in the refining and purification of oils. Activated carbon, with its high adsorption capacity, is used to remove unwanted color pigments and impurities from edible oils. In edible oil processing, activated carbon acts as a decolorizing agent.

**Soft Drinks and Alcohols:** CO<sub>2</sub> from beer brewing processes is purified and used for soft drink production, as well as in the storage and bottling of beer itself. The purification can take place at the brewery (CO<sub>2</sub> recovery) and/or at a carbonated soft drinks plant (CO<sub>2</sub> polishing).

**MSG:** Both MSG and lactic acid are preservatives produced through a fermentation process. This process can leave behind a mixed bag of molecules that need to be removed. Activated carbon is an effective product to tackle this.

**Sugar:** Activated carbon has been used in the production of liquid sugars for several decades. Powder activated carbon is often used in the liquid sugar production process to produce colorless and transparent liquid sucrose solutions with a neutral, sweet taste, free from any off flavors.

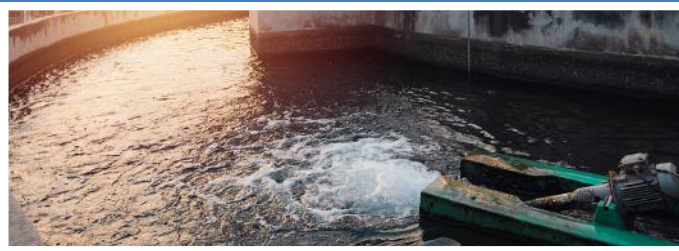
**Sweeteners:** Activated carbon is specially applied for the treatment and purification of water and all forms of sweeteners in food industry. It can be used for the removal of color and other unwanted byproducts in certain environment.



## APPLICATION OF ACTIVATED CARBON IN VARIOUS INDUSTRIES

Activated Carbon is highly suitable for Food & Beverage, Industrial, Personal Care, Pharmaceutical and environmental safety Applications :

- Water Treatment
- Sugar Syrup, Glycerin Decolorization
- Urban Wastewater Treatment
- Food and Beverage Industry
- Pharmaceutical Industry
- Odor Removal
- Decolorization and Stabilization



By prioritizing quality assurance and regulatory affairs, SBS Philippines Corporation has gained the trust of both its clients and suppliers. Western Carbon & Chemicals, a globally acclaimed manufacturer and a trusted supplier of activated carbon products to SBS Philippines, has also made quality a top priority. Both SBS and Western Carbon & Chemicals are dedicated to providing superior quality products and promoting growth for all its stakeholders.



## 16TH PHILIPPINE FOOD EXPO 2024



SBS Philippines Corporation, a well-known chemical supplier in the country, was proud to participate as an exhibitor.

With a legacy of excellence, SBS showcased its commitment to quality and innovation. Our booth visitors had the chance to explore our diverse range of chemicals tailored to meet the specific needs of the food and beverage industry.

Our esteemed leaders made a significant impact. Ms. Sabrina Poon-Sytengco (Investor Relations Officer), Mr. Esmeraldo Tepace (Chief Operating Officer), and Mr. Gerry D. Tan (President and CEO), graced our booth with their presence. They engaged in insightful conversations with potential customers and valued clients, reinforcing our commitment to excellence and fostering meaningful connections within the industry.



The 16th Philippine Food Expo 2024 served as an excellent platform for networking, knowledge sharing, and celebrating the vibrancy of the food industry.

As SBS Philippines Corporation continues to innovate and contribute to the sector's growth, we look forward to future collaborations and partnerships.



**SBS PHILIPPINES**  
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