

Air Products and Chemicals, Inc.
1940 Air Products Boulevard
Allentown, PA 18106-5500
T 610-481-4911
www.airproducts.com



October 5, 2022

CORE INDUSTRIAL GASES
AJAZ, ON
SAP: 2173026

Product Information Request: Carbon Dioxide – Food Applications

The following information is being sent in response to your questions regarding carbon dioxide being used in food applications.

The carbon dioxide you receive from Air Products & Chemicals, Inc. meets the specifications listed in the Food Chemical Codex (FCC) for carbon dioxide. Carbon dioxide is also listed in 21CFR184.1240 as Direct Food Substances Affirmed as Generally Recognized as Safe (GRAS).

Air Products and Chemicals, Inc. manufactures all the carbon dioxide from its merchant production plants in compliance with the Federal Food, Drug and Cosmetic Act and follows applicable sections of 21 CFR Parts 117 and 507, cGMP for Human and Animal Food.

This product meets the requirements of the USDA for use as Carbon Dioxide under the National Organic Program as described in 7 CFR Part 205.605.

Air Products maintains a Food Safety Defense Plan, along with a Hazard Analysis and Critical Control Points (HACCP) program to ensure compliance with the Food Safety Modernization Act and ISO 22000 requirements. In 2016 we obtained ISO 9001 certification for all our CO₂ production locations. Our internal audits and operating procedures are consistent with adhering to ISO 9001 standards and each of our plants is subject to audits for FDA and ISO 9001 compliance.

Carbon dioxide does not contain any allergens or other substances that would cause intolerances. We do not intentionally add these component(s) to carbon dioxide and would not expect them to be present in carbon dioxide.

Carbon dioxide is gluten free, does not contain and is not manufactured with materials sourced or derived from human, bovine (cow), porcine (pig), ovine (sheep) or caprine (goat) origin from animals born, raised, or slaughtered in any country of the world.

This includes countries where Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) are known to exist.

We thank you for your interest in our company's products. If we can help you further in this matter, please do not hesitate to contact us.

Sincerely,

Lori Chaney

Air Products and Chemicals, Inc.

Industrial Gases-Quality & Regulatory Compliance

1940 Air Products Blvd.

Allentown, PA 18106