

**North America Butane Gas Cartridges Market By Application (Cooking, Camping, Heating, Industrial Use, Medical), By Type (Non-Refillable, Refillable), By Distribution Channel (Online Retail, Offline Retail, Direct Sales), By Country, Competition, Forecast and Opportunities, 2020-2030F**

Market Report | 2025-05-30 | 120 pages | TechSci Research

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**Report description:**

**Market Overview**

The North America Butane Gas Cartridges Market was valued at USD 9.01 billion in 2024 and is projected to reach USD 11.52 billion by 2030, growing at a CAGR of 4.18% during the forecast period. These cartridges, which contain liquefied butane, serve as portable fuel sources for a variety of mobile cooking and heating devices including camp stoves, portable heaters, and blowtorches. The market is expanding steadily due to a growing outdoor culture centered on camping, hiking, and mobile living. Additionally, the increasing frequency of extreme weather events and natural disasters in the region has made butane cartridges essential for emergency preparedness and backup energy during power outages. Their utility extends to food trucks and mobile kitchens, which prefer the safety and portability of butane fuel. Innovations in cartridge design, including improved leak-proof features and user safety enhancements, are boosting product adoption. Butane's clean-burning characteristics make it an environmentally preferable option over traditional fuels, further increasing its appeal. Rising availability through retail chains and online platforms, coupled with urban consumers' need for compact, non-permanent energy solutions, is also contributing to growth. Manufacturers are responding with lightweight designs, multi-pack options, and user-friendly systems to cater to evolving consumer preferences. These combined factors are expected to support steady growth in the North America Butane Gas Cartridges Market over the forecast period.

**Key Market Drivers**

**Rising Participation in Outdoor Recreational Activities**

The resurgence of outdoor recreational pursuits across North America is a major growth catalyst for the butane gas cartridges market. As more individuals and families engage in camping, fishing, hiking, and mobile living, demand for portable and efficient

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fuel sources has surged. Butane cartridges are compact, clean-burning, and reliable, making them ideal for outdoor cooking, heating, and lighting in off-grid settings. National and state parks have seen record visitor numbers, underscoring the expanding base of outdoor enthusiasts. Trends like van life and nature-centric travel experiences further reinforce the need for compact fuel solutions, especially among consumers seeking flexibility and independence from electrical infrastructure. Retailers are responding with expanded product lines, and manufacturers are enhancing cartridge features for safety, efficiency, and ease of use. The broader cultural shift toward wellness, sustainability, and affordable outdoor travel continues to amplify demand for butane cartridges across North America.

#### Key Market Challenges

##### Regulatory Pressures and Evolving Safety Standards

The North America butane gas cartridges market faces mounting regulatory challenges linked to the storage, transport, and sale of flammable gases. Compliance with federal and state safety regulations demands investments in high-standard packaging, certification procedures, and secure transportation, increasing operational costs for producers and distributors. Specific legislation from agencies such as the U.S. Department of Transportation and Canada's TDG Act impose stringent requirements on gas container logistics. Additionally, safety regulations in urban centers are increasingly restricting the use of open-flame devices in public areas, limiting market access in high-density regions. Environmental concerns are also influencing policy, with advocacy groups pushing for a transition to lower-emission alternatives like ethanol or electric systems. These evolving standards require manufacturers to adapt their product lines and potentially diversify into new fuel types. The combination of compliance costs, shifting municipal codes, and growing environmental scrutiny presents a structural hurdle to broad market adoption and innovation.

#### Key Market Trends

##### Integration of Butane Cartridges in Emergency Preparedness Kits

An emerging trend in the North America butane gas cartridges market is their integration into emergency preparedness kits. As climate-related disasters-such as snowstorms, hurricanes, and wildfires-become more frequent, households and institutions are incorporating butane-fueled stoves and cartridges as part of off-grid survival tools. Public safety campaigns and government guidelines increasingly recommend gas cartridges for cooking and heating during power outages. This trend has shifted consumer perception of butane cartridges from a recreational utility to an emergency necessity. In response, manufacturers and retailers are offering bundled kits that include cartridges, stoves, and lighting accessories. This seasonal and situational demand is particularly strong in disaster-prone regions and among rural populations with limited access to electricity during emergencies. As disaster preparedness becomes more mainstream, the demand for reliable, portable fuel like butane is expected to remain resilient and grow across residential and institutional segments.

#### Key Market Players

- Taeyang Industrial Co., Ltd.
- Iwatani Corporation
- KOVEA Co., Ltd.
- Foshan Nanhai Lianrun Gas Co., Ltd.
- Do-Well Aerosols Pvt. Ltd.
- Marina Corporation Co., Ltd.
- Gasmate
- S.F.L. Group S.p.A.

#### Report Scope:

In this report, the North America Butane Gas Cartridges Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

##### - North America Butane Gas Cartridges Market, By Application:

- o Cooking
- o Camping
- o Heating
- o Industrial Use

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- o Medical
- North America Butane Gas Cartridges Market, By Type:
  - o Non-Refillable
  - o Refillable
- North America Butane Gas Cartridges Market, By Distribution Channel:
  - o Online Retail
  - o Offline Retail
  - o Direct Sales
- North America Butane Gas Cartridges Market, By Country:
  - o United States
  - o Canada
  - o Mexico

#### Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the North America Butane Gas Cartridges Market.

Available Customizations:

North America Butane Gas Cartridges Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

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