

Middle East & Africa Dry Ice Market Forecast to 2028 – Regional Analysis – by Type (Pellets, Blocks, and Others) and Application (Food and Beverages, Storage and Transportation, Healthcare, Industrial Applications, and Others)

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Abstracts

The Middle East & Africa dry ice market is expected to grow from US\$ 24.29 million in 2022 to US\$ 31.15 million by 2028. It is estimated to grow at a CAGR of 4.2% from 2022 to 2028.

Use of Dry ice for Creating Special Effects Fuels Middle East & Africa Dry Ice Market

Another use of dry ice is for the special effects. Small, localized fog effects for use in theatres and by photographers and film makers can be achieved by adding dry ice pellets in a bucket of hot water which increases the sublimation rate immediately creating a dense ground level fog. Dry ice creates stunning visual fog effects at weddings, Halloween, birthday parties and in pubs and nightclubs. Dry ice creates a fog effect because of its cold temperature (-78.5°C). When immersed in hot water, it creates a cloud of water vapor fog. When the water is colder than 15°C, the fog effect stops but the dry ice continues to sublimate and bubble.

Dry ice offers multiple benefits for any function, party, or event. Placing dry ice blocks in a heated pool or jacuzzi creates an impressive fog effect that attracts guests. It is also used in weddings to create a romantic dancing-on-clouds effect. Dry ice produces the low-lying fog that flows across the ground. Dry ice is an addition to a champagne glass tower, creating a cascading fog effect. Moreover, it is also used in Halloween parties for special effects.

Furthermore, dry ice is sometimes used in the presentation of food in restaurants. Dry

Ice pellets work best as it can be added in small amounts to serving trays to produce a fog effect around the food dishes. It is also used with cocktails and other drinks to produce a fun and unique fog effect. Chill Sticks are specially developed to hold dry ice pellets safely in a glass without risk of the dry ice being swallowed.

Middle East & Africa Dry Ice Market Overview

The Middle East and Africa dry ice market is segmented into South Africa, Saudi Arabia, the UAE, Qatar, Kuwait, and the Rest of Middle East & Africa. Strong economic growth in countries across the region is creating a platform for the development and expansion of the market in the region. The healthcare and pharmaceutical industry in the region is significantly growing with governments in the region focusing more on the well-being of the increasing population. In addition, factors such as strong population growth, greater life expectancy, the predominance of lifestyle-related disorders such as diabetes, and demand for superior healthcare services are driving the pharmaceutical industry's growth in the region. Thus, the rising pharmaceutical industry in the Middle East & Africa is projected to drive the demand for dry ice in the coming years.

The climate in the Middle Eastern countries is harsh as they are surrounded by deserts. The pharmaceutical shipments in these countries may get exposed to harsh weather conditions causing severe damage to the products. Therefore, in such regions, the companies take additional care to protect their shipments and avoid huge losses. This factor can also favor the dry ice market for pharmaceutical applications in the Middle East & Africa.

Further the demand for frozen food products in the region is high. The region's frozen food product is witnessing rapid development with the growth of urban markets such as Dubai, Abu Dhabi, and Iran. New investment and better marketing strategies have led to the capture of market share in the Middle East & Africa. The growing populations of the UAE, Bahrain, Saudi Arabia, Kuwait, Qatar, and Oman increased the demand for frozen products. This has been providing huge opportunities for the major players in the dry ice market. The food sector in the Middle East & Africa has experienced a sharp increase due to high economic growth, urbanization, population growth, and a rising middle class. Consumers highly prefer good quality food products with high nutritional value. The dry ice market offers lucrative opportunities to fulfill the growing consumer demands as it keeps the frozen products contamination free and improves their shelf life. All these factors are expected to create growth opportunities for dry ice market players in the Middle East & Africa.

Middle East & Africa Dry Ice Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Dry Ice Market Segmentation

The Middle East & Africa dry ice market is segmented into type, application, and country.

Based on type, the Middle East & Africa dry ice market is segmented into pellets, blocks, and others. The blocks segment held the largest share of the Middle East & Africa dry ice market in 2022.

Based on application, the Middle East & Africa dry ice market is segmented into food and beverages, storage and transportation, healthcare, industrial applications, and others. The storage and transportation segment held the largest share of the Middle East & Africa dry ice market in 2022.

Based on country, the Middle East & Africa dry ice market is segmented into South Africa, Saudi Arabia, the UAE, Qatar, Kuwait, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa dry ice market in 2022.

Air Products and Chemicals Inc, Al Barrak Group Co, Esnadee, Gulf Cyro LLC, L'Air Liquide SA, and Linde Plc are some of the leading companies operating in the Middle East & Africa dry ice market.

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