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What makes industrial and refrigerant gases share the largest part of the import export chemicals deal?

Industrial gases:

Different industrial gases are used for different purposes but are mainly required in a constant manner in food, polymer and metal industries. They are used for:

Acetylene: Used in oxyacetylene flames either to weld or to cut steel (mild).

Carbon dioxide: Mainly used in food industries in processes like to remove caffeine from coffee, carbonating beers, soft drinks and so on.

Oxygen: It is used to oxidize unwanted impurities in steel and is also required in medical industries for respiratory and other purposes.

Refrigerant gases:

Nitrogen: Nitrogen mainly liquid nitrogen is used for cooling in many industries. It is used for cooling mechanical equipments which are required to keep at extremely low temperatures. It has a wide set of applications in food industry as well where it is used to snap freeze foods like fruits, hamburger patties, chicken and so on.

Freon refrigerants: These are part of modern technology refrigerant gases and use ethane and methane as bases. They are mainly required for industrial applications such as reciprocating compression, refrigeration and rotary compressor. They are banned in many countries due to bad effects they cause to the environment and in need are available only with permission of the government.

Carbon dioxide: this gas is also used for refrigeration as it is nonflammable gas. Earlier it was used in hotel's air conditioning and today it has many applications regarding refrigeration.

All above are the industrial gases and refrigerant gases which are involved in most import export chemicals.

Sourcing of chemicals:

Not every country is blessed with same gifts. If you run a chemical based industry, sourcing of chemicals is directly proportional to goods manufacturing capacity of your industry. A good source is always required for your companyâ€™s growth. A good sourcing of Chemicals Company can be identified as if it provides products within the specified period of time. Always is constant in supply because they are the source of that particular chemical. The company has good international contacts with big import export chemicals companies in case if there is a shortage of chemical so the customer industry does not face the supply cut off.

Chemicals are hard to obtain and require time to process for purification and other such to make them ready for export. Chemical sourcing and pricing is done via international policies still the prices

for every particular chemical in every particular country vary due to different rates of custom charges, currency value globally and many such factors. Many industries also maintain a backup source for chemicals even they are in contact with the trusted chemical source so in case if there is a shortage of chemical the industryâ€™s demand and supply cycle is not corrupted. Chemicals today are imported-exported in all three forms solid, liquid and gas depending on customerâ€™s choice.

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Atul Sharma - About Author:
Asit Roy has more than 4 years experience writing articles about chemical industry. He wrote many searchable articles about chemicals suppliers, polymer suppliers and Sourcing of chemicals. Now he included a Industrial gases and a Refrigerant gases in their chemical category.

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