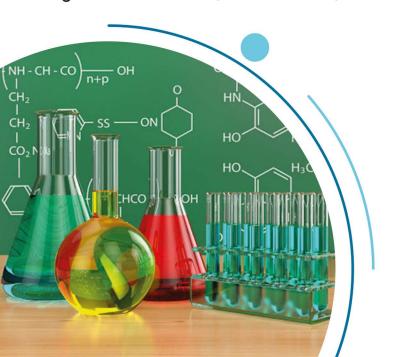




# **Our Business:**

The chemical industry is said to be part of the industry that chemicals need other industries that supply the required materials with minerals and raw materials, if you can use different industries of different types of chemicals to produce and manufacture your products Several chemical elements are obtained, which now may be different depending on the type of substance.

Among the chemical applications of chemicals can be mentioned in industries such as detergents, animal and poultry feed, food, pharmaceuticals and health, agricultural industries, industrial uses, etc.



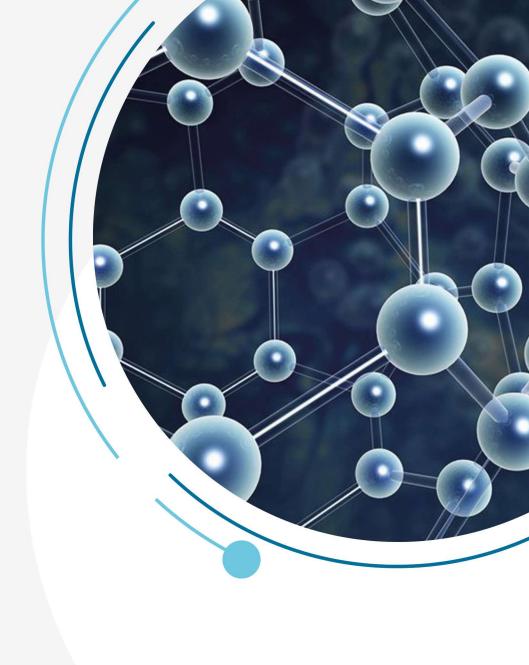


With 1.1% of the world's population, Iran has more than 7% of the world's mineral resources, with several types of non-oil minerals and about 40 billion tons of potential reserves and about 60 billion tons of potential reserves among the 15 world mining powers. Is located.

Therefore, it is considered as one of the rich assets of the mine.

Iran is one of the countries of Southwest Asia (Middle East) that borders Afghanistan and Pakistan to the east, Armenia and Turkey to the northeast, Iraq to the west, and finally the Persian Gulf and the Sea of Oman to the south.

Iran is of great geopolitical importance due to its economic resources and, most importantly, having the largest coastline in the Persian Gulf and dominating the strategic Strait of Hormuz, as well as its connection to Central Asia and the Caspian Sea, as a bridge between the three continents of Asia, Europe and Africa. To increase the flow of goods. Therefore, having more than two thousand kilometers of coastline from the mouth of the Arvand River to the port of Gwadar, in addition to dominating the waterways leading to the Indian Ocean, it is the only country that can transport various exporting products by land to many parts of the world.





## **Our Business:**

Iran's convenient geographical location speeds up the transfer of goods and communication, and this speed and time savings in trade is very valuable. Iran is in the middle of the world. Compared to European countries, we can deliver goods in the fastest time. Central Asian countries can also easily receive our export goods. However, a country like China does not have our position. But it has made great use of its existing capacity.

So Iran's first advantage in trade with the world is that this land has a strategic position in the Middle East.

Another very important advantage of Iran's exports compared to other countries is the very low cost of labor wages. This teaches us to work for exports in goods where the wages of the worker (i.e. manpower) are very low.





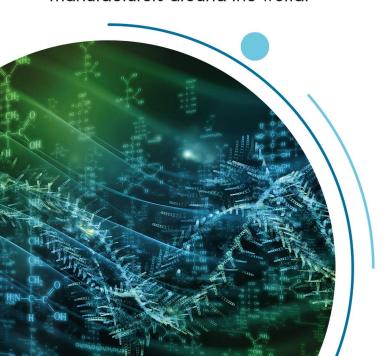


The more effective this cost is on the cost of that commodity, the more competitive that commodity has in the export market. One of these goods can be considered the field of chemicals in Iran.

So with these interpretations, we can open a special account on Iran in the purchase and export of chemicals.

# Our Goals and Way:

Industrial chemistry for the modern world uses your special property. It provides us with a range of chemicals needed to meet the needs of industry owners and secret manufacturers around the world.





About us

Parto Aftab Alvand Company, after thirty years of experience in supplying and distributing chemical raw materials in both laboratory and industrial fields, is now proud of its global presence in supplying chemical raw materials with the exclusive brand of chemistry liam and benefiting from a strong and expert team as a leading brand. And be sure to announce to related industry owners around the world.

chemistry liam competitive advantage is the continuous visit to the factories and the detection and guarantee of materials in terms of concentration and purity, which is significant and welcomed by our customers for 30 years. Parto Aftab Alvand Company offers its export product with general and specialized analysis in accordance with the demands of its customers.

# Parto Aftab Alvand's Services:

- 1- Providing specialized procurement consulting and purchasing engineering
- 2- Researching and visiting the factories of origin to ensure the concentration and purity of the goods
- 3- Concluding a long-term contract with good performance on a continuous basis with price guarantee
- 4- Timely delivery of goods
- 5- Social responsibility

chemistry liam is an unmediated bridge between the best and purest production of chemical raw materials from factories and related manufacturing industries around the world.

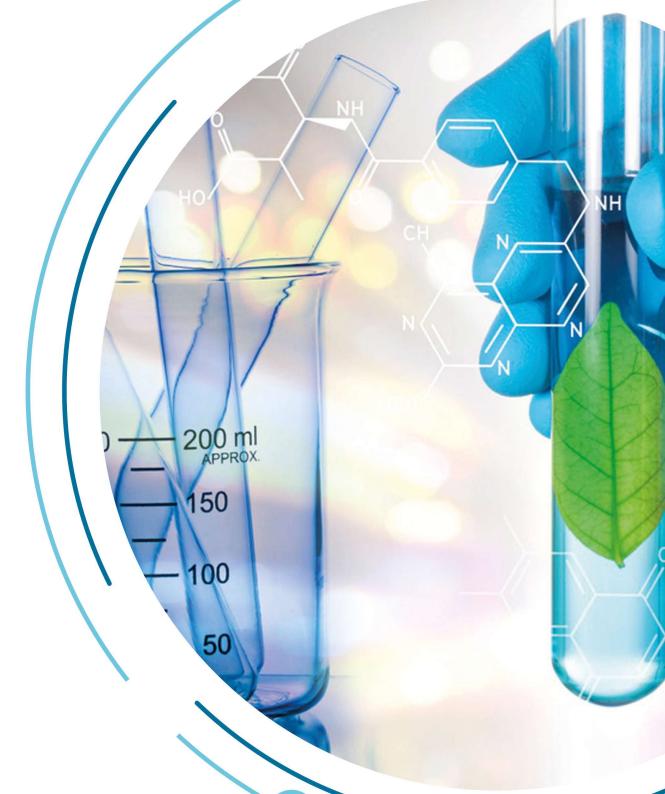




Dear customer, chemistry liam shares thirty years of experience with us, we came to see what the world wants and what we have, chemistry liam listens to your order, understands your needs and to meet the customer's desired product needs in the best possible way It offers both quantitatively and qualitatively.

Dear customer, exports begin with the discovery and aggregation of capacities. By combining the capabilities of thirty years of experience, research and study in a professional and efficient manner with market aristocracy, we offer what you have portrayed to you, manufacturers, industry owners and suppliers around the world.





## **Our Products:**

Chemistry materials include:

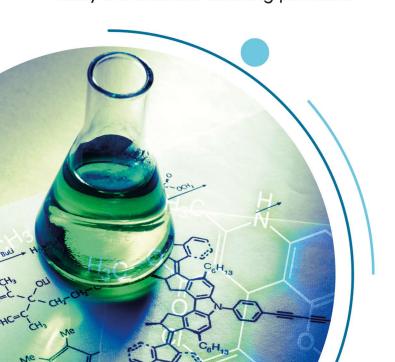
- Ammonia
- Ozon
- Hydrogen Nitride

Ammonia is a combination of hydrogen nitrogen, ammonia is a stable binary hydride and its simplest hydride is a colorless gas with a distinct pungent odor. Ammonia is a common nitrogenous waste.

Especially among aquatic organisms, it contributes to the nutritional needs of living organisms on earth.

#### **Ammonia**

Ammonia directly or indirectly is also one of the building blocks of many pharmaceutical products and is used in many commercial cleaning products.





# Soda ash or Sodium Carbonate Crystal

Soda or sodium carbonate is one of the most important industrial chemicals that is widely used in the production of other alkaline products, sodium salts, etc. Sodium carbonate is a chemical substance, solid, crystal, powder, odorless Absorbent of moisture. Inorganic combination of carbon, inorganic carbonic acid and inorganic carbonate.



#### Vaseline or Refined petroleum jelly

Refined petroleum jelly is a mineral oil that many companies use as a general treatment for the skin. The purity of petroleum jelly depends on the production process. Unrefined petroleum jelly may contain harmful substances. Refined petroleum jelly is usually safe

### Caustic Soda or Lye

With the scientific name of hydroxide, it is a chemical substance and widely used in industry. This solid substance is odorless, white and transparent crystals, non-volatile and has high corrosive properties that easily absorb its moisture. When dissolved with water or neutralized with acid, it produces considerable heat, since the caustic soda is very strong. Contact with many materials such as metals, skin, etc. causes corrosion and destruction. To reduce the dangers of soda rubber, the production of sodium hydroxide is solid., Granular, flaky).





#### **Paraffin**

It is an oil substance that is found in the market in two forms, liquid and solid or jelly. The type of jelly and its solid is used to produce different types of candles and the type of liquid is used for industrial purposes.

#### **Acetic Acid**

Grape essence or vinegar essence is one of the organic acids in the carboxylic acid group and its formula is CH3C00H.

## Hydrochloric acid

A clear, colorless solution with a very pungent odor of dissolved HCI chloride hydrogen is a highly corrosive and strong mineral acid with very high industrial uses. It is made of pvc plastics.

HCI is also an important substance in the production of polyurethane Foams and calcium chloride.

### **Sodium Chlorate**

The most common ingredient used as a bleach is called in farsi "Ab Javel". Bleach kills all germs, including fungi, viruses, and bacteria.

Ab Javel is used as a disinfectant with odor repellent in water tanks, sewage disposal. Ab Javel is an unstable solution and gradually loses its properties due to heat and light. The color of Ab Javel is close to yellow and its taste and smell are very sharp.















