



Founded in 2005, “Feroks” was established as a export and import company. Being in the business for a very short time may create a negative impression about us on our potential clients. We know this reality. But we are honor to say we are in this business just for 5 years. Just because of the success stories we had, trust we built – which is like finding diamond in the sand in our industry. Over the years the company's recipe for success has been achieved by hard work, professionalism, Integrity, and long-term global partnerships. Continuous growth in its market share and a steady growth of physical assets have situated the company as a leader within its market segment.

Currently “Feroks Dış Ticaret” is actively involved in numerous fields acting as both direct seller and buyer, which include; Cement & sugar trading, importing and exporting of marble, coil sheets and mdf doors, Manganese mine, Soda Ash and sodium bicarbonate trading.

“Feroks” consultancy service helps market data, information, news or suppliers and clients clearly see their target markets, their competitive environment and their new opportunities. We help them see their paths of greatest reward and least resistance, and we help them define specific actions that ensure the future they see today is the one they profitably achieve tomorrow. In other words, as “Feroks” we become the eyes, ears, hands and the heart of our client in the markets they don't know.

Our consultancy service has become an expert in various commodities in Trukish market in the past five years, like; oils(sunflower oil, corn oil, olive oil), mattresses, material & advertisement gifts, motor vehicles, creals (rice, wheat, corn, yellow & red lentils, beans), electric supplies and equipments (cables, industrial generators, switches, fuses etc.).

Also as a consultant firm, our clients' funds are managed by us with the best way to get the maximum income and profit to them. Our professional experts on taxation supervise cost optimizations and tax and company assistance to deal with the business around the world.

“Feroxs” is recognized for helping global, regional and local market data; information, news or software companies see their future and expand their opportunities on specific matters.

Besides its import and export abilities “Ferox Import & Export” is the company that controls the whole shipping and commodity traffic all around the countries that the group companies work with.

It is simple to say it, hard to make it. We take the full responsibility of your needs and the necessities of our business. So we say; “Wherever you want, whenever you need, its Feroxs.”

TRONA SODA ASH

Trona is a natural mineral that is known chemically as Sodium Sesquicarbonate which was discovered in 1938 during oil and gas explorations. The first mine shaft was excavated in 1946, and commercial production began in 1948. Up until that time, all soda ash was produced synthetically (chemically). Trona is refined to produce soda ash in very large, and sophisticated refineries.

Trona is white, gray, amber, or yellow with vitreous, or glass-like, luster. **Trona** is soluble in a dilute (10%) hydrochloric acid and water solution. It has a monoclinic crystal structure and is soft, about 2.5 to 3 on the 10 point Mohs hardness scale.

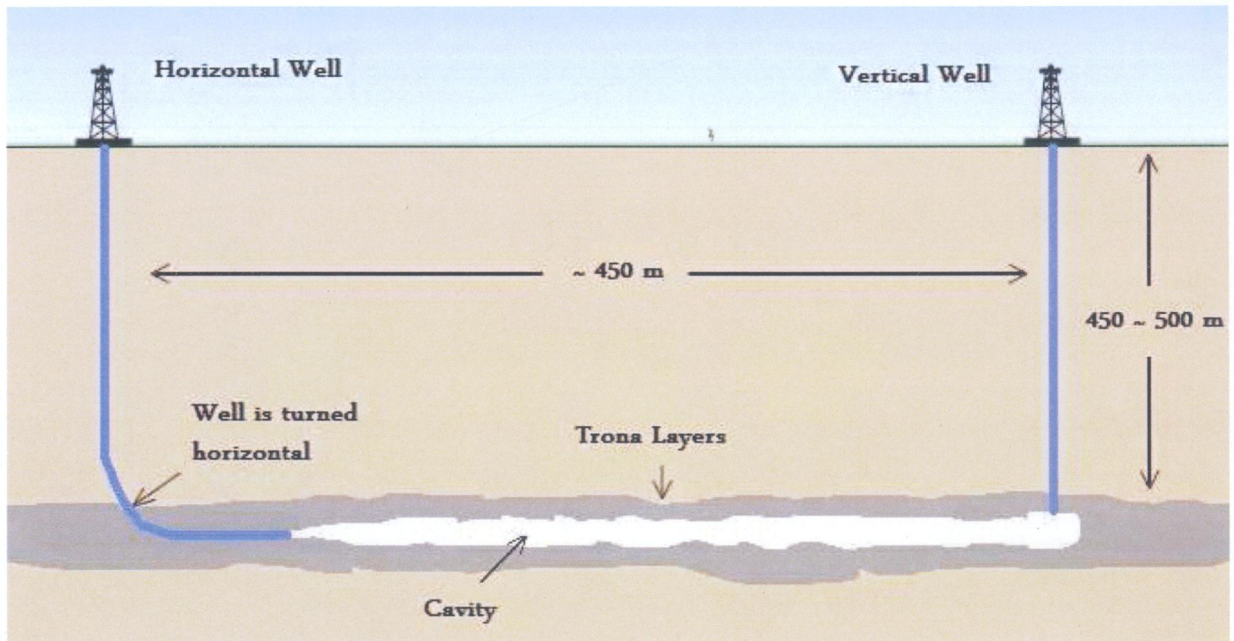


Soda ash can be made synthetically using limestone, salt and ammonia. This is known as the Solvay process, and was the main source of soda ash until deposits were discovered. However, it is more expensive than mining natural sodium carbonate deposits. In addition, the waste products of this process are harmful to the environment and could cause serious waste management problems.



Trona is the raw material of natural soda ash. Soda ash is the second ingredient by weight in glass after silica, where it lowers the melting temperature of silica sand. It is also used in glass, paper, soaps, laundry detergents, inorganic chemicals, water purification, flue gas desulfurization, and a number of other processes and products you come in contact with every day use. That makes Soda Ash is a versatile chemical used to make those products. Soda ash is also used as a raw material in the manufacturing of other chemicals, including sodium bicarbonate (baking soda) and sodium phosphates (detergents), caustic soda (NaOH), and sodium cyanide (used in gold refining).

Solution Mining method is used for recovering brine (desolved trona), which is the main input of the production process. Solution Mining is done by injecting a solvent from the surface into the trona deposit using a series of bore holes as injection wells.



DENSE SODA ASH SPECIFICATIONS

Chemical Name : ASodium Carbonate Anhydrous
EINECS No : 497-19-8 / 207-838-8

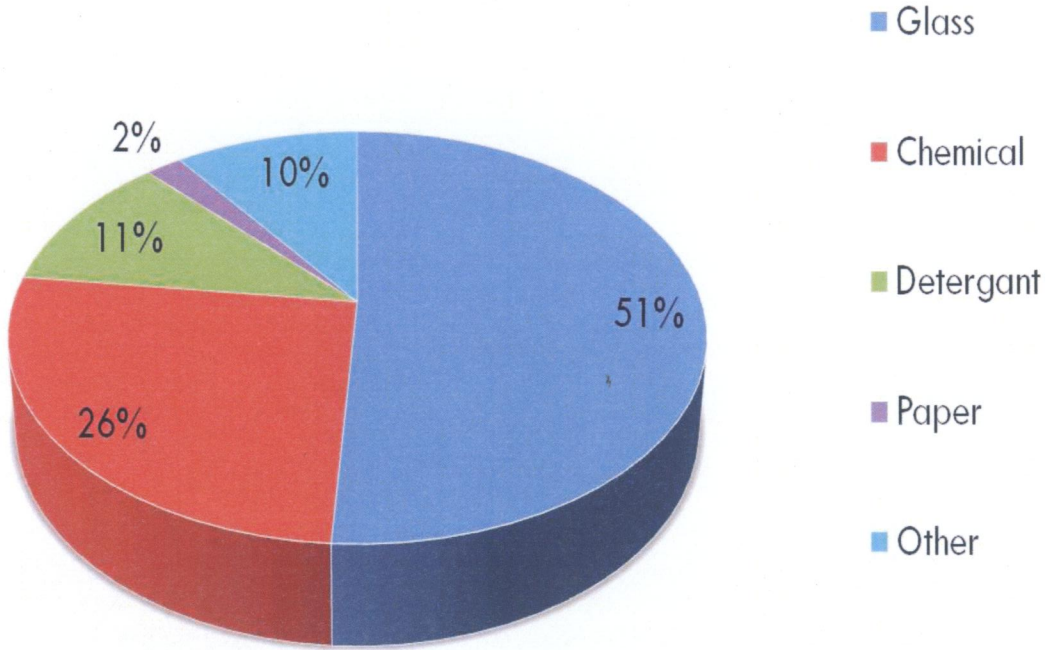
Chemical Specifications

Na₂CO₃ : % 99.5 min.
Na₂O : % 58.2 min.
NaCl : % 0.1 max.
SO₄⁻² : % 0.070 max.
Total Fe : 10 ppm max.
Water Insolubles : % 0.05 max.

Physical Properties

Bulk Density : 0.95 - 1.15 g/cm³
Particle Size :
+600 mikron (µm) : % 5 max.
+150 mikron (µm) : % 85 min.
-75 mikron (µm) : % 5 max.

USES OF DENSE SODA ASH



REFINED SODIUM BICARBONATE SPECIFICATIONS

Chemical Name : Rafine Sodyum Bikarbonat / Refined Sodium Bicarbonate

EINECS No : 205-633-8 / 144-55-8

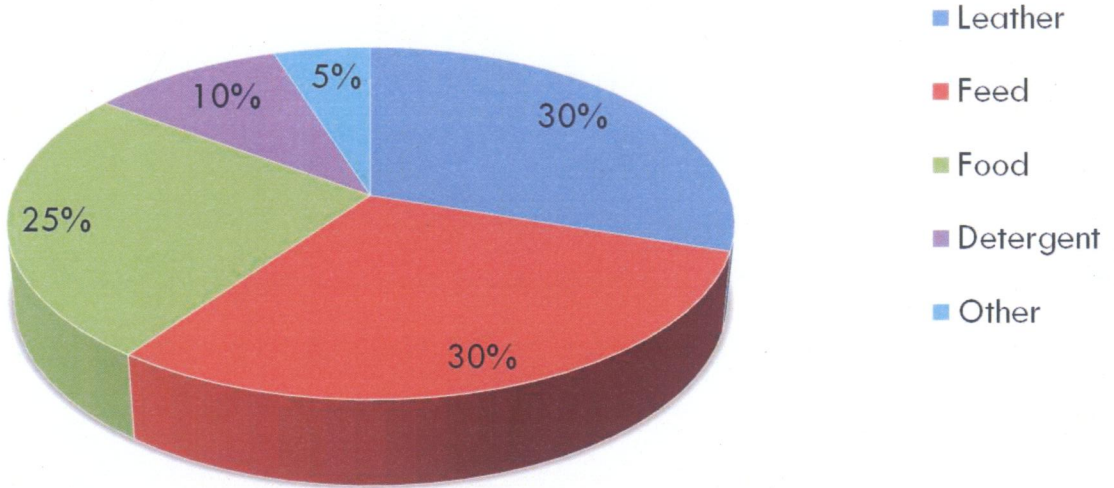
Chemical Specifications:

		Specification
NaHCO ₃	%	99.1 min.
Na ₂ CO ₃	%	0.7 max.
NaCl	%	0.5 max.
SO ₄ ⁻²	%	0.03 max.
Water Insolubles	%	0.05 max.
Pb / Lead	ppm	< 5
As / Arsenic	ppm	< 2

Physical Properties

		Özellikler / Specification
Tane Boyutu / Particle Size		
+75 mikron (µm)	%	20-90
+45 mikron (µm)	%	60-100

USES OF SODIUM BICARBONATE



Capacity:

SODA ASH (Na_2CO_3) – 1.000.000 ton/year

SODIUM BICARBONATE (NaHCO_3) – 100.000 ton/year

Quality:

Quality control laboratory and pilot plant facilities are present at the plant site. Our team is skilled and experienced in analytical development techniques to meet the requirements of our customers.

Quality Certificate:

ISO 9001: 2008

ISO 22000

ISO 17025

Loading Ports:

Derince Port, Gemlik Port