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**International
Trading Company**



About Us:

Established in 2016 with the specific purpose of adding value to our customers by sourcing the best possible products and delivering it with an optimized supply chain. This company deals in supplying and trading and manufacturing of different kinds of Petroleum Products, Petrochemicals, chemicals, Oil and gas drilling raw materials and Minerals.

We are considered a one-stop chemical company providing commodities and high-tech performance-specialty chemicals for various industries. Our range of chemicals can be considered as a finished product or utilized to improve the manufacturing process.

PETRO ARSES is one of the major activists in the area by exporting different commodities to countries such as Russia, Iraq, Duabi, Tanzania, India, Vietnam, Turkey, Turkmenistan, countries of the CIS, Pakistan, UAE, actually.

WHY PETRO ARSES:

1 Delivering on the promise of sustainability

Now is the time. Leaders who integrate sustainability into their corporate strategies can unlock shared value for both their business and society.

2 Critical data elements

Identify data that is not only critical for business change, but also unlocks the greatest value for the organization

3 Data management & governance

Enable a trusted approach to ensure that critical data is managed, maintained, and governed centrally so it can be responsibly leveraged to develop differentiating capabilities.

4 Data platform

Build a secure data foundation and cloud architecture that can harness data for a deeper view into the organization to meet current needs flexibly to scale for the future.

5 Product-based organization & skills

Apply principles of a product-based operating model to structure the right team and processes, facilitate collaboration, and accelerate execution on business priorities.

6 Business adoption

Industrialize data and AI across the organization to instill a data-driven culture and analytics mindset for better decision-making and, ultimately, business adoption of strategic priorities.

7 Value realization

Measure execution, experience, and the impact on business outcomes constantly and consistently.

GOALS:

PETRO ARSES ultimate Goal is to find the reputed source and supply the best quality of material at the optimum value for our customers. PETRO ARSES has established strong relationship with the Mills, Factories and Traders around the Globe to serve a wide array of customers in various industries, globally. With our extensive knowledge of the target markets and product lines we are positioned to fulfil our customer's needs quickly regardless of the ever-changing business cycles

MOTIVE:

PETRO ARSES motive is worry free purchase for customers, we put our every effort to source and find the respective products for customers with our enormous experience in this field, it's very difficult for customers to source the right product and find the genuine supplier from unknown region, PETRO ARSES plays a vital role here by using their international contacts from different countries to source the right product from the reputed suppliers, due to our effort customer always feel the worry-free mindset on sourcing their products

OUR GLOBAL PRESENCE:

PETRO ARSES having associates and Business Partners in Africa, Libya, Turkey, Russia, Iraq, Turkmenistan, Kazakhstan, Uzbekistan, Pakistan, Azerbaijan, India and etc., in more than 30 countries across the globe, we work with the reputed and reliable supplier in the world, our aim is to be the best and reliable partner to our customers across the globe, our Company is well established for the relevant products to the relevant industries and quality is well accepted by our clients always.

OUR PRODUCTS:

- *Monoethylene glycol (MEG)
- *Diethylene glycol (DEG)
- *Triethylene Glycol (TEG)
- *Caustic soda flake 99%
- *Caustic soda liquid 50%
- *Calcium Hypochlorite 60%~65%
- *Calcium Chloride 94%~97%
- *Calcium Chloride 78%
- *Sodium Hypochlorite 15%
- *Sodium Sulfide 60%~70%
- *Dense Sodium Carbonate
- *Light Sodium Carbonate
- *Aluminum Sulfate 17%
- *Acetic acid
- *Sulfonic Acid (LABSA)
- *Sodium Lauryl Ether Sulfate (SLES)
- *Methanol

Mission

To make, produce, sell & trade the best quality chemicals and petrochemicals with a continued commitment to meet the market needs, orders & standards while promoting business practices that respect our employees, our customers, our suppliers and the environment.

Vision

To be a competitive leader in the chemical sector locally and globally by constantly developing and upgrading our products while remaining true to our core values.

Values

Customer Focus: We concentrate our efforts on the individual requirements of our customers and help them strengthen their competitive position and performance.

Mono Ethylene Glycol (MEG) | C₂H₆O₂

Mono ethylene glycol (MEG), by far the largest volume glycol, is produced by the direct hydration of ethylene oxide (EO).

Smaller amounts of DEG and TEG are co-produced in this process, although additional quantities of DEG and TEG can be produced by further reacting MEG with additional EO.

HS Code: 29053100

Mini Order: 20 MT / 1 × 20 ft FCL

Packaging:

BULK (shipped in special polyethylene tanker)

- Bulk in seagoing vessels/barges
- Bulk in flexi tank cars
- Bulk in road tank cars
- Bulk in iso tank containers

Packing into IBC barrels

230-liter barrels stacked on pallets

Origin: Iran

Usage:

- Resins
- Deicing fluids
- Heat transfer fluids
- Automotive antifreeze and coolants
- Water-based adhesives
- Latex paints and asphalt emulsions
- Electrolytic capacitors
- Textile fibers
- Paper
- Leather

Characteristic	Test Method	Unit	Value
PURITY	ASTM E-202	WT. %	99.9 MIN.
DIETHYLENE GLYCOL	ASTM E-202	WT. %	0.08 MAX.
WATER CONTENT	ASTM E-203	WT. %	0.08 MAX.
ACIDITY AS ACETIC ACID	ASTM D-1613	WT. PPM	10 MAX.
ASH	DC-254A	gr/100ml	MAX. 0.005
CHLORIDES	EO-635	WT. PPM	0-1 MAX.
IRON	ASTM E-202	WT. PPM	0.1 MAX.
ALDEHYDE AS ACETALDEHYDE	DC-163C	WT. PPM	10 MAX.
COLOR Pt-Co	ASTM D-1209	Pt-Co	5 MAX.
SP. GR. (20/20°C)	ASTM D-891	-	1.1151 - 1.1156
DISTILLATION @ 760 MM-Hg			
IBP	ASTM D-1078	°C	196 MIN.
DP	ASTM D-1078	°C	199 MAX.
5-95 VOL. % RANGE	ASTM D-1078	°C	1 MAX.
UV TRANSMITTANCE			
AT 220 nm	EO-577A	T%	70 MIN.
AT 275 nm	EO-577A	T%	95 MIN.
AT 359 nm	EO-577A	T%	99 MIN.



Di Ethylene Glycol (DEG) | C₄H₁₀O₃

Diethylene Glycol (DEG) with chemical formula of (CH₂CH₂OH)₂O, is one of the most well-known organic solvents in the industry. DEG's molecular weight is higher than MEG. DEG is also less volatile than MEG; therefore, it is used in different applications compared to MEG.

HS Code: 29094100

Mini Order: 20 MT / 1 × 20 ft FCL

Packaging:

BULK (shipped in special polyethylene tanker)

- Bulk in seagoing vessels/barges
- Bulk in flexi tank cars
- Bulk in road tank cars
- Bulk in iso tank containers

Packing into IBC barrels

230-liter barrels stacked on pallets

Origin: Iran

Usage:

- Antifreeze and Coolant
- Solvents
- Humectants
- Polyester Resins and Plasticisers
- Emulsifiers and Lubricants
- Others

Characteristic	Test Method	Unit	Value
PURITY	ASTM E-202	WT. %	99.8 MIN.
MONOETHYLENE GLYCOL	ASTM E-202	WT. %	0.05 MAX.
TRIETHYLENE GLYCOL	ASTM E-202	WT. %	0.05 MAX.
WATER CONTENT	ASTM E-202	WT. %	0.05 MAX.
ACIDITY AS ACETIC ACID	ASTM D-1613	PPM	50 MAX.
ASH CONTENT	ASTM D-254/A	PPM	50 MAX.
COLOR	ASTM D-1209	Pt-Co	10 MAX.
SP. GR. (20/20°C)	ASTM D-891	-	1.1175 - 1.1195
DISTILLATION @ 760 MM-Hg			
IBP	ASTM D-1078	°C	242 MIN.
DP	ASTM D-1078	°C	250 MAX.

Tri Ethylene Glycol (TEG) | C6H14O4

Tri ethylene Glycol, also known as TEG, is a colorless liquid alcohol with chemical formula of C6H14O4. TEG, is the third member of the dihydric alcohol series and is produced alongside Mono ethylene Glycol (MEG) and Diethylene Glycol (DEG) as a by-product of the direct hydration reaction of ethylene oxide.

HS Code: 29094900

Mini Order: 20 MT / 1 × 20 ft FCL

Packaging:

BULK (shipped in special polyethylene tanker)

- Bulk in seagoing vessels/barges
- Bulk in flexi tank cars
- Bulk in road tank cars
- Bulk in iso tank containers

Packing into IBC barrels

230-liter barrels stacked on pallets

Origin: Iran

Type:

- Purity 97%
- Purity 98.2%
- Purity 98.5%
- Purity 99.5%

Usage:

- Natural gas dehydration
- Solvents
- Plasticizers
- Polyurethanes
- Humectants
- Polyester Resins
- Textile
- Detergents
- Automotive
- Agrochemicals
- Food and Beverage

TEST	Ref.	Unit	RESULT
APPEARANCE	VISUAL	-	CLEAR LIQUID
SP. GR (20/20°C)	ASTM D4052	-	1.125
COLOR	ASTM D1209	Pt-Co	27 MAX
PURITY	ASTM E-202	WT. %	98.5 MIN.
DEG	ASTM E-202	WT. %	0.9
OTHER	ASTM E-202	WT. %	0.46
DISTILLATION RANGE	ASTM D-1078	°C	280-290
WATER	ASTM E-203	WT. %	0.17



Caustic soda flakes 99% | NaOH

Sodium hydroxide is also known as caustic soda, caustic soda or baking soda. Caustic soda is a white solid material, odorless and in the form of white flakes, which easily absorbs moisture in the air and becomes sticky. This substance is considered one of the most important industrial chemicals that is used in many industries and it also has degreasing properties and can break down fat molecules quickly. Baking soda has a chemical composition that has a strong alkaline property and is known as a PH regulator, and it can be used to neutralize acids and produce all kinds of salts. Caustic soda is a type of ionic salt consisting of Na⁺ positive ion and OH⁻ hydroxide negative ion in the form of NaOH.

Our purity is Minimum 99% and we manufacture the production by membrane process so we have clean and high quality.

Our capacity is 2500 MT per month and export to more than 15 countries.

HS Code: 28151110

Mini Order: 25 MT / 1 × 20 ft FCL

Packaging: 25 kgs 2-layer laminate PP (1 MT Big Bag or Pallet with cover is optional)

Origin: Iran

Usage:

- oil and gas industry
- aluminum industry
- paper making
- chemicals
- food industry
- pharmaceutical
- textile industry
- cosmetics
- health products

Test Name	Unit	Range	Result
Purity of Sodium Hydroxide (NaOH)	%W	Min 98	99.3
Carbonate as Na ₂ CO ₃	%W	Max 1	0.28
Sulphates (as SO ₄)	%W	Max 0.01	Less than 0.01
Nickle	%W	-	Less than 0.0002
Iron (as Fe)	ppm	Max 30	Less than 5
Copper (as Cu)	ppm	-	Less than 5
Manganese (as Mn)	ppm		Less than 2
Chlorates and Per-chlorates (as NaClO ₃)	ppm	-	ND
Matter Insoluble Water	%W	Max 0.1	0.03
Total Mercury (as Hg)	ppm	Max 0.2	Less than 0.2
Sodium Hydroxide (As NaOH) (on dry basis)	mg/Kg	Max 30	99.3
Salt (NaCl)	%W	Max 0.06	0.05



Caustic soda lye | NaOH

Liquid sodium hydroxide (Caustic Soda) is a colorless, odorless liquid, produced in 50% and 32% purity, and highly corrosive at all concentrations.

Liquid Sodium Hydroxide is soluble in water and equal proportions such as Ethanol, Methanol and Glycerin. The freezing point of this material is 4.4 and the boiling point is 145 °C.

HS Code: 28151200

Mini Order: 24 MT / 1 × 20 ft FCL

Packaging:

Bulk (shipped in special tanker)
IBC tanks

Origin: Iran

Usage:

- aluminum industry
- bleaching processes
- chemicals
- soaps
- food and healthcare industries.

SR	Property	Units	Limit	RESULT	Test method
1	NaOH Min	% w/w	48	50.05	ISIRI 2530
2	NaCl	ppm	0.03	0.009	ISIRI 2535
3	Na ₂ CO ₃	% w/w	0.5	0.32	ISIRI 2533
4	Fe	ppm	10	0.60	ISIRI 2537
5	Fe ₂ O ₃	ppm	14.29	0.85	ISIRI 2537
6	Na ₂ SO ₄	% w/w	0.007	Low than detection limit	Isiri 364
7	SiO ₂	% w/w	0.01	0.001	Isiri 364
8	Al ₂ O ₃	ppm	10	Low than detection limit	Isiri 364
9	Hg	ppm	0.1	Low than detection limit	Isiri 364
10	As ₂ O ₃	ppm	1	Low than detection limit	Isiri 364
11	Heavy metals(Pb)	ppm	10	< 2	siri 364



Calcium Hypochlorite Granule 60%-65% | Ca (ClO)₂

This chemical is a white and dry granular with a purity of %65-%70. Calcium hypochlorite granules dissolve in water easily and are mainly used in water treatment for disinfection and removal of bacteria, algae and micro-organisms.

Physical specifications: White color solid granule, strong odor of chlorine. Soluble in water and alcohol with a strong reaction characteristic Calcium hypochlorite is a calcium

HS Code: 28281000

Mini Order: 20 MT / 1 × 20 ft FCL

Packaging: 40, 50 Kg PE drums

Origin: Iran

Usage:

- Sanitizing public swimming pools and spa
- Waste water and effluent treatment
- Cleaning and sanitizing (Bathroom cleansers | Household disinfectant sprays | Algaecides | Herbicides)
- Anti fungal
- Anti-bacterial (anti-odor)
- Herbicides
- Laundry detergents
- Food and beverage processing (Vegetable's disinfectant)
- Laundry
- Pulp and paper processing
- Disinfects drinking water
- Grey water and recycled water treatment (storage tanks)

Test Name	Unit	Importance degree	Accepting Limit	Test request	Test method
Active Chlorine	%W	Important	Min: 65	67.4	ISIRI- 7098 clause 7-1
Sodium Chloride	%W	Important	Max: 20	3.26	ISIRI- 7098 clause 7-2
Solubility as active chloride	%W	Important	Min: 45.5	60.32	ISIRI- 7098 clause 7-3
Insoluble in water	%W	Important	Max: 8	6.07	ISIRI- 7098 clause 7-4
Amount of Water	%W	Important	2-8	4-9	ISIRI- 7098 clause 7-5
Residue on 425 micrometer sieve	%W	Important	Min: 75	88.02	ISIRI- 7098 clause 7-6
Residue on 2 mm sieve	%W	Important	Max: 20	5.89	ISIRI- 7098 clause 7-6
Cd	mg/ Kg of active chlorine	Critical	Max: 10	Nil	ISIRI- 7098 clause 7-7 / ISO 8288 - Method A
Pb	mg/ Kg of active chlorine	Critical	Max: 15	Nil	ISIRI- 7098 clause 7-7 / ISO 8288 - Method A
Ni	mg/ Kg of active chlorine	Critical	Max: 10	3.89	ISIRI- 7098 clause 7-7 / ISO 8288 - Method A
Cr	mg/ Kg of active chlorine	Critical	Max: 15	6.8	ISIRI- 7098 clause 7-7 / ISO 9174 - clause 3



Calcium chloride solid 94-96% | CaCl₂

Calcium Chloride (CaCl₂) is a white, crystalline solid that is widely used in a variety of industrial applications. It is highly soluble in water and forms a clear, colorless solution. Calcium Chloride is produced by the reaction of hydrochloric acid and limestone, and it is widely available in both anhydrous and hydrated forms.

HS Code: 282720

Mini Order: 20 MT / 1 × 20 ft FCL

Packaging: 25 kg PP/PE bags – 1.25 MT jumbo bags

Origin: Iran

Usage:

- Oil and gas drilling agent
- Deicing and preventing road freezing
- Food industry
- Pharmaceutical
- Road deicing agents
- Road stabilization and dust control
- Accelerators in concrete
- Industrial processing

Test Name	Accepting Limit	Test request
Purity (CaCl ₂)	Min: 94	Min 96
Ca(OH) ₂	Max: 0.2	Max 0.1
Fluoride (F ⁻)	Max: 0.004	Max 0.003
NaCl	Max: 6	Max 1
MgCl ₂	Max: 0.5	0.09
pH	4.5-9.5	8-9.5
Bulk Density (gr/cm ³)	---	0.75-0.85
Appearance	White Granule	White Granule



Calcium chloride solid 78%- 80% | CaCl₂

Calcium Chloride 78% is a type of salt which is composed of Calcium and Chlorine ions. Calcium Chloride 78% granules are white and odorless. It is usually found as a hydrated solid with the general chemical formula of CaCl₂x (H₂O) where x is equal to 0, 1, 2, 4 and 6. As an example, anhydrous Calcium Chloride has a molecular mass of 110.98 g/mol.

Industrial Calcium Chloride is a type of Calcium Chloride which is usually produced in the form of monohydrate or dihydrate with purity of 78%.

Industrial Calcium Chloride 78% is very advantageous for various industrial applications such as oil and the petrochemical industry. However, when this product has a low purity of about 78%, it cannot be used as food grade calcium chloride, and 96% purity should be used in the food industry.

HS Code: 28272000

Mini Order: 20 MT / 1 × 20 ft FCL

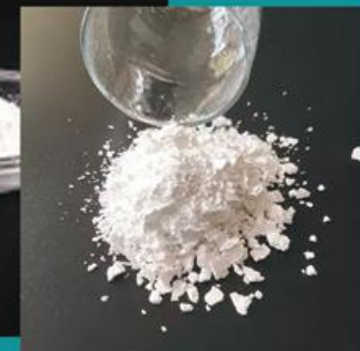
Packaging: 25 kg PP/PE bags – 1.25 MT jumbo bags

Origin: Iran

Usage:

- Drilling fluids
- Oil and Gas
- Construction
- Water Treatment
- Safety
- Detergent
- Paint industry

PROPERTIES	UNIT	REQUIRE	RESULT
PURITY	%By Weight	77 Min	80
Insoluble Solid	%By Weight	4 Max	0.7
MOISTURE	%By Weight	5 Max	3
PH	P.H.	7 Min	7
Percentage Of Remaining On Astm.Sieve No.4/8	%By Weight	NIL	-
Percentage Of Remaining On Astm.Sieve No.40	%By Weight	85 Min	85
Specific Gravity Of 280 Grs Samp.In 350 ml Fresh Water	P.C.F	83.5 Min	83.5
Settlement Of 280 Grs Samp. 350 ml of Fresh Water	% By Vol	1 Max	0.8
Appearance	Colour	White	White



Sodium hypochlorite | NaClO

Sodium hypochlorite is a yellow solution with a strong odor. Due to the release of chlorine gas, it has great disinfecting effect. This product is produced with purity of 17~15% in a completely transparent form and with the best quality.

Sodium Hypochlorite is a compound that can be used effectively water treatment. On a large scale it is used for surface purification, bleaching, odor removal and water disinfection.

This substance is also known by different names in different countries, such as Bleach and Amokina, which are available in different brands depending on their concentration.

Sodium Hypo is a corrosive chemical and decomposes rapidly. The solution is alkaline with the PH higher than 7 at 20 °C.

HS Code: 28289010

Mini Order: 20 MT / 1 × 20 ft FCL

Packaging:

BULK (shipped in special polyethylene tanker)

Packing into IBC barrels

220-liter barrels stacked on pallets

Raw Materials: Chlorine, Sodium Hydroxide (Caustic)

Origin: Iran

Usage:

- Bleaching agent
- Petroleum products refining
- Sand, Wax
- Sanitize food preparation (Sugar, Mushroom, hog, flour, beef, vegetable processing, maple syrup production, fish processing fruit)
- Drink water and wastewater purification and sanitary equipment
- In therapeutic rinses, mouthwashes, toothpastes and gels, mouth sprays, as preservative in eye drops



Test name	Unit	Importance degree	Accepting Limit	Test result	Test method
Active Chlorine	g/L	Important	Min 120	159.57	ISIRI 2361/ISIRI 1994 clause 4-3
Free Alkaline as NaOH	%W/V	Important	Max 1.5	1.12	ISIRI 2361/ISIRI 1994 clause 4-6
Density	g/cm3	Important	Min 1.160	1.213	ISIRI 2361/ISIRI 1994 clause 4-1
Sodium Chloride	%W/V	Important	Max 0.7	0.16	ISIRI 2361/ISIRI 1994 clause 4-4
Fe	PPM	Important	Max 3	0.67	ISIRI 2361/ISIRI 1994 clause 4-7
Sediment	%MASS	Important	Max 0.1	0	ISIRI 2361/ISIRI 1994 clause 4-2
Free Sodium Carbonate as Na ₂ CO ₃	%W/V	Important	Max 1	0.48	ISIRI 2361/ISIRI 1994 clause 4-6
Co	PPM	Important	Max 0.5	Nil	ISIRI 2361/ISIRI 1994 clause 4-8
Ca	PPM	Important	Max 0.5	Nil	ISIRI 2361/ISIRI 1994 clause 4-8
Ni	PPM	Important	Max 0.5	Nil	ISIRI 2361/ISIRI 1994 clause 4-8



Sodium Sulfide 60% | Na₂S

Sodium Sulfide is a yellow solid compound in flaky shape which can be found in anhydrous and hydrate forms. Sodium Sulfide with chemical formula of Na₂S is soluble in water and slightly soluble in alcohols. It can be easily oxidized when exposed to air. It has a distinct smell similar to rotten eggs. Sodium Sulfide is widely used in as flocculants, coloration agent and tanneries processes, oxygen scavenger in water treatment process, toning agent in photography of photographs, desulfurization agent in textile industry and even oil recovery operations.

HS Code: 28301000

Mini Order: 25 MT / 1 × 20 ft FCL

Packaging: PE-Bags 25 kg net.

Origin: Iran

Usage:

- Pulp
- paper industry
- water treatment
- textile industry
- various chemical

No.	PARAMETR	Unit	LIMIT	RESULT
1	Na ₂ S	%	-	58-60
2	Na ₂ SO ₃	%wt	Less Than	2
3	Na ₂ CO ₃	%wt	Less Than	0.5
4	Fe	%wt	-	0.03
5	Unsoluble	ppm	Less Than	15
6	Density	Kg/m3	-	1600
7	Melting Point	°C	-	90
8	Color		-	yellow

Sodium Carbonate (Dence/Light) | Na₂CO₃

Anhydrous sodium carbonate, which is also called soda ash, is formed by heating hydrates, sodium carbonate is an anhydrous white powder and a high purity humectant, and it is a strong alkaline compound and has melting point of 851 degrees Celsius. Which decomposes when heated. Light sodium carbonate is in the range of 90 to 150 µm. And it is among the materials that have various applications in different industries.

HS Code: 28362000

Mini Order: 25 MT / 1 × 20 ft FCL

Packing: 50 KG bags in Jumbo Bag 1MT

Origin: Iran

Usage:

- Metallurgy
- Glass Manufacturing
- Textile
- Dye printing
- Medicine
- Synthetic detergent
- Petroleum
- Food industries
- Chemical Industry
- Environmental Application



Dence

Chemical Composition	Unit	Specification
Sodium Carbonate	%wt	Min 99.2
Sodium Chloride	%wt	Max 0.4
Sodium Bicarbonate	%wt	Max 0.1
Sodium Sulfate	%wt	Max 0.05
IRON (Fe)	ppm	Max 40
Loss on Heating	%wt	Max 0.2
Moisture	%wt	Max 0.2
Ni	ppm	30
Cr	ppm	10
Mn	ppm	10
Cu	ppm	30
Total Alkalinity	%wt	Min 58.12
Pouring Density	g/cm ³	0.85-1.1
Mesh	%wt	< 40
Mesh	%wt	40-140
Mesh	%wt	> 140

Light

Chemical Composition	Unit	Specification
Sodium Carbonate	%wt	Min 99.2
Sodium Chloride	%wt	Max 0.4
Sodium Bicarbonate	%wt	Max 0.1
Sodium Sulfate	%wt	Max 0.05
IRON (Fe)	ppm	Max 40
Loss on Heating	%wt	Max 0.2
Moisture	%wt	Max 0.2
Ni	ppm	30
Cr	ppm	10
Mn	ppm	10
Cu	ppm	30
Total Alkalinity	%wt	Min 58.12
Pouring Density	g/cm ³	0.45-0.60

Aluminum sulfate 17% | Al₂(SO₄)₃

The aluminum sulfate produced by this company is supplied with a purity of 17% and in different granularities.

This material is one of the important compounds of aluminum, which has high coagulation and water absorption power and shows high efficiency in the complete removal of compounds. Aluminum sulfate as a coagulant is stable in air and completely soluble in water. Also, this material is used in various industries such as: paper making, textile, agriculture, pharmaceutical, leather, cosmetics, food, steel, etc.

HS Code: 28332200

Mini Order: 25 MT / 1 × 20 ft FCL

Packaging: 25 KG bags in Jumbo Bag 1MT

Origin: Iran

Three sizes:

0 – 1 mm

2 – 10 mm

10 – 20 mm

Palletize and shrinking

Usage:

- pharmaceutical industry
- Cosmetics industry
- Fire Extinguisher
- Food industry
- Leather tanning
- Paper making
- Medical uses
- water treatment



SR	Property	Units	Limit	RESULT	Analiz metodu
1	Al ₂ O ₃	% w/w Min	17	17.06	INSO 3096
2	pH 1 %	% w/v Min	3	3.24	INSO 3096
3	Insoluble	% w/w Max	0.1	0.08	INSO 3096
4	Free H ₂ SO ₄	% w/w Max	0.00	0.00	Turkish
5	Free Al ₂ O ₃	% w/w Max	0.23	0.019	Turkish
6	Fe ₂ O ₃	% w/w Max	0.03	0.026	INSO 3096

Sulfonic Acid | C18H30SO3

Sulfonic acids are extremely strong acids. In fact, they are a million times more acidic than other kinds of acids such as acetic acid and benzoic acid. This acid is non-oxidizing, colorless, soluble with water and may have detergent-like characteristics. It is highly used in the chemical industries, but since it is highly acidic, standard measures must be observed in terms of handling, storage and exposure to this material.

HS Code: 34021190

Deliver Terms: FCA, FOB, CIF, CFR, CPT Based on customer's inquiry

Mini Order: 24 MT / 1 × 20 ft FCL

Packaging: 220 Lit HDPE drums

Origin: Iran

Usage:

- Drilling Fluids
- Detergent
- Health and Medical



Specification	Standard	Result	ISIRI NO
Molecular Weight	322	322	ISIRI 12028
Free Oil	Max 2.0	1.5	ISIRI 3513
Active Matter	[96-98]	96.4	ISIRI 3513
Color (Klett)	Max 70	16	ISIRI 3513
Sulfonic Acid	Max 1.8	1.67	ISIRI 3513
Water %	Max 0.5	0.45	ISIRI 18481
Appearance	Brown Viscose Liquid	Light Brown Viscose Liquid	ISIRI 3513

Sodium Lauryl Ether Sulfate (SLES) | C24H50Na2O5S

SLES is an anionic surfactant with a broad application. Its excellent detergency makes it one of the key components of rinse-off products, as a primary surfactant. In addition to cleansing power, SLES is distinguished by excellent emulsification and foaming abilities, and compatibility with the majority of surfactants (all except cationic).

SLES also boasts great solvency, good resistance against hard water, and high biodegradation levels.

This chemical ingredient is typically derived from palm kernel oil or coconut oil.

HS Code: 34021190

Deliver Terms: FCA, FOB, CIF, CFR, CPT Based on customer's inquiry

Mini Order: 24 MT / 1 × 20 ft FCL

Packaging: 220 Lit HDPE drums

Origin: Iran

Usage:

- Shampoo
- Shower Gel
- Face Wash
- Dish Wash
- Liquid Detergent
- Hand Wash



Specification	Standard	Result	ISIRI NO
Molecular Weight (g/mol)	384	384	ISIRI 5476
Free Oil	Max 2.5	2.4	ISIRI 6835-a
Active Matter	[68-72]	70.0	ISIRI 3178
Color (Hazen)	Max 30	12	ISIRI 3513-a
Sodium Sulfate	Max 1.5	0.19	ISIRI 3513
pH (5% (w,w))	[7-9]	7.5	ISIRI 6835
1,4 Dioxane	Max 50	39	ISIRI 6835-a
Appearance	Colorless or Light Yellow	Light Yellow	Visual
NaCl %	Max 0.5	0.02	ISIRI 6835
Oxidants (ppm)	0	0	ISIRI 6836
Fe (ppm)	Max 20	< 10	ISIRI 6837
Formaldehyde (ppm)	Max 250	0	ISIRI 6838
Heavy Metals (ppm)	Max 20	< 1	ISIRI 6839

Methanol | CH₃OH

Methanol is a clear, colorless liquid with a characteristic odour. It is highly flammable. Methanol is used to dissolve other chemical substances and mixes readily with water and many organic liquids. Methanol is considered a volatile organic compound by the National Pollutant Inventory.

HS Code: 29051100

Deliver Terms: FCA, FOB, CIF, CFR, CPT Based on customer's inquiry

Mini Order: 20 MT / 1 × 20 ft FCL

Packaging: 220 Lit HDPE drums

Origin: Iran

Usage:

- Drilling Fluids
- Petrochemical
- Plastic
- Paint
- Laboratory solvent
- Biofuel
- Gasoline
- Energy carrier
- Denaturing alcohol



No.	PARAMETR	TEST METHOD	LIMIT	RESULT
1	Appearance	Visual Inspection	Colorless, Clear liquid	Colorless, Clear liquid
2	Purity, %wt	ASTM D3545	Min. 99.5	99.8
3	Water, %wt	ASTM D1364	Max. 0.2	0.01
4	Acidity as Acetic Acid, % wt	ASTM D1613	0.004	0.004
5	Density at 20°C	ASTM D1298	0.79	0.79
6	Boiling range at 760 mmHg, °C	ASTM D1078	64	64

Acetic Acid 99.5% | CH₃COOH

Acetic acid Since it has a carbon atom in its chemical formula, it is an organic compound and it comes with a chemical formula CH₃COOH. is a colorless, transparent organic compound with a sharp odor.

Interestingly, the word 'acetic' is derived from a Latin word called 'acetum' meaning 'vinegar'. Vinegar is the dilute form of acetic acid and is the most common chemical substance among people. Acetic acid is a main component of vinegar and also gives vinegar its characteristic smell.

HS Code: 2915210000

Deliver Terms: FCA, FOB, CIF, CFR, CPT Based on customer's inquiry

Mini Order: 20 MT / 1 × 20 ft FCL

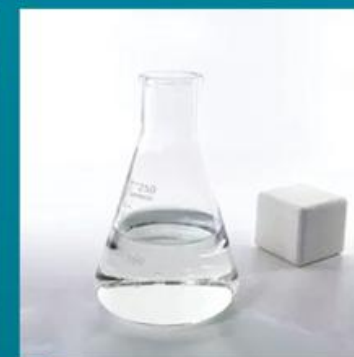
Packaging: Packing into IBC barrels
200-liter barrels stacked on pallets

Origin: Iran

Usage:

- Food Industry
- Medicinal Use
- Industrial Use
- Household

TEST	METHOD	RESULT	LIMIT (SPEC)
Appearance	MAP-SM111	Clear: free from matter in suspension	Clear: free from matter in suspension
Purity (WT %)	MAP-70014	Greater than 99.85	Min 99.85
Water (WT%)	ASTM-D1364	LESS THAN 0.15	Max 0.15
Formic ACID (WT%)	ASTM-D13546	LESS THAN 0.050	Max 0.050
Density@20°C Kg/lit	ASTM-D1298	1.048-1.051	1.048-1.051
Acetaldehyde (WT%)	ASTM-D2191	LESS THAN 0.02	Max 0.02
Permanganate Time@20°C, hours	MAP-70019	Greater than 2 hours	Minimum 2 hours
Crystallization point	ASTM-D1493	Greater than 16.35°C	16.35°C Min
Sulphates (as SO ₄)	MAP-70021	LESS THAN IPPM	Max 1ppm
Chloride (as CL)	MAP-70020	LESS THAN IPPM	Max 1ppm
Total Iron (ppm)	ASTM-E394	LESS THAN 1.0	Max 1.0
Propionic Acid (WT%)	M602.515	LESS THAN 0.010	Max 0.010
Non volatile matter (WT%)	ASTM-D1353	LESS THAN 0.003	Max 0.003
Heavy metals (as Pb)	Determination by Atomic Absorption	LESS THAN 0.5	Max 0.5ppm
Color (APHA)	ASTM-D1209	BELOW 10 APHA	Max 10APHA



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- * Water Treatment Industry
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- * Food and Feed Industry
- * Candle Industry
- * Plastic Industry
- * PVC Pipes, Paint, PVC Compound Industry
- * Packaging Industry
- * Cement Industry
- * Gas & Oil Industry
- * Textile Industry
- * Rubber & Tyre Industry
- * Detergent & Cosmetics Industry

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