



REGISTERED EXPORTER



“Challenge everything”

LIQUID CLHORINE

“ We are the leader in Chlorine Exports”

We bring the premium quality products by state of the art technologies, eco-friendly, Mercury free Membrane Cell Technology of UHDE, Germany.

FEATURES :

- Greenish Yellow liquified gas under pressure
- It possesses a pungent and suffocating odour
- Highly toxic in nature

APPLICATIONS :

- Water Purification
- Synthetic Rubber
- Wastage & Sewage treatment
- PVC (Poly Vinyl Chloride)
- Chlorinated Hydrocarbons
- Chlorinated Paraffin (CP)
- Bleaching Agent
- Disinfecting Agent
- Sanitizing Agent



ADVANTAGES :

- Membrane Technology gives Mercury free Chlorine, which can be used for Chlorine based products for Pharma applications also.
- QCD is equipped with most modern Instruments to analyze special test on request.

SPECIFICATIONS :

Sr.	Characteristics	Specifications		
1.	Chlorine Content	% v/v	99.80	min
2.	Moisture	% v/v	00.01	max

- OUR PRODUCT HALAL CERTIFIED
- OUR PRODUCT SIRIM CERTIFIED

SUPPLY CAPACITY :

- 400 MT Per Day

CAS No. : 7782-50-5

HS CODE : 28011000

Minimum Order Quantity : 1FCL minimum

PACKING :

- 900kg Tonner
- 100kg cylinder
- 60kg cylinder
- 930kg Tonner
- 68kg cylinder
- 1000kg cylinder



Registered Office :

212, Vinayak Complex, B/s. Saraswati Complex,
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CAUSTIC SODA (FLAKES & PRILLS)

“ We are the exporter...”

We bring the premium quality products by state of the art technologies.



FEATURES :

FLAKES

- High Purity Caustic Soda
- Free flowing white deliquescent piece

PRILLS

- High Purity Caustic Soda
 - Free flowing milky white granules
- Specially packed under completely dry and air-conditioned climate. Automatic weighing, heat sealing and stitching in dehumidified environment gives along lasting lumps-free storage.

ADVANTAGES :

FLAKES

- Easy to handle
- Dessolves gradually in water.

PRILLS

- High Purity Caustic Soda
 - Free flowing milky white granules
- Specially packed under completely dry and air-conditioned climate. Automatic weighing, heat sealing and stitching in dehumidified environment gives along lasting lumps-free storage.



APPLICATIONS :

- Pulp & Paper
- Textiles
- Soaps and Detergents
- Petroleum Products
- Aluminium Metal
- Chemical Process
- Bleach Manufacturing

SPECIFICATIONS :

Sr.	Characteristic	Specifications (FLAKES)			Specifications (Prills)		
		%			%		
1.	Sodium Hydroxide (as NaOH) on dry basis	%	99.50	min	%	99.40	min
2.	Sodium Carbonate (as Na ₂ CO ₃)	%	00.40	max	%	00.60	max
3.	Chloride (as NaCl)	%	00.03	max	%	00.02	max
4.	Iron (as Fe ⁺⁺⁺)	ppm	20.00	max	ppm	10.00	max
5.	Nickle (as NI)	ppm	-	-	ppm	5.00	-
6.	Particle Size (nominal)	mm	-	-	mm	0.70 to 1.1	-

SUPPLY CAPACITY :

- 300 MT PER DAY FLAKES
- 80 MT PER DAY PRILLS

CAS No. : 1310-73-2

HS CODE : 28151200

Minimum Order Quantity : 1FCL minimum

PACKING :

- 25 / 50 kg HDPE bags with inner HM-HDPE liner.



HYDRO CHLORIC ACID (HCL)

FEATURES :

- Mercury Free
- Colourless and Corrosive liquid
- Stable even at high temperature
- Low Iron content

APPLICATIONS :

- Steel pickling and scale removal
- Water Treatment
- Ore refining
- Food processing
- Manufacture of Chlorine Dioxide
- Activation of Petroleum wells
- Catalyst in Organic process
- Removal of heavy metal from Carbon Black and Activated Carbon
- Leaching Alumina from Crystalline Zeolites
- Hydrolyzing agent

SPECIFICATIONS :

Sr.	Characteristic	Specifications
1.	Hydrochloric Acid %	33-35
2.	Colour ("HU" Hazen unit) Max.	50
3.	Specific Gravity (at 27°C)	1.165-1.175
4.	Free Chlorine, PPM	<50
5.	Iron Content, PPM	<10
6.	Physical Appearance	Clear

Note : We also supply 35-37% Purity HCL.

Minimum Order Quantity :

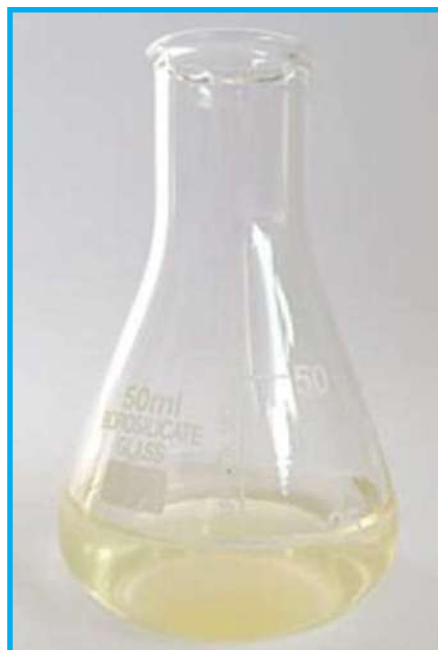
1FCL minimum (Containing 22MT in HDPE Drum)

PACKING :

- 35 kg Carbuoys for Export Markets
- 240 kg HM-HDPE Barrels for export
- CS Rubber lined Road Tankers (for domestic market)

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We bring the premium quality products by state of the art technologies, Eco-friendly, Mercury free Membrane Cell Technology of UHDE, Germany.



SUPPLY CAPACITY :

- 400 MT PER DAY

CAS No. : 17647-01-0

HS CODE : 28061000



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POLY ALUMINIUM CHLORIDE (PAC)

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FEATURES :

- High stable.
- Low impurities.
- Availability in both Liquid & Power form.

ADVANTAGES :

- Ease of application.
- Coagulates very effectively in low as well as high turbidity water.
- Rapid & better floc formation as compared to Alum.
- Less reduction of pH compared to Alum.
- Very less sludge generation.
- No requirement of other flocculation aids.
- Reduced Sedimentation Time.
- Effective in wide pH range.
- Lower residual aluminium and other heavy metals as compared to Alum.

APPLICATIONS :

- Municipal & Industrial Portable Water treatments and Waste Water Treatments.
- Sewage Water treatments.
- Separation of slurry in Industrial processes.
- Sizing in Paper & Pulp Industry
- Decolorisation & Decontamination of dyes in Textile Industry.

SPECIFICATIONS :

Sr.	Characteristic	Unit	PAC 10		PAC 14	PAC 18	PAC 30	
			MB	HB			MB	HB
1.	Appearance		Clear Pale Yellow		Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow
			Liq.	Liq.	Liq.	Liq.	Powder	Powder
2.	Aluminium as Al ₂ O ₃	% by Mass	10.0±0.5	10.0±0.3	13.5±0.5	17.5±1.0	29.0±1.0	29.0±1.0
3.	Basicity	% by Mass	40.0±5.0	64 (Min)	-	45.0±5.0	40.0±5.0	64 (Min)
4.	Chloride as Cl ⁻	% by Mass	11.5±1.0	9.5±1.0	20.5±1.5	20.5±1.5	33.0±2.0	29.0±2.0
5.	Sulphate as SO ₄ , (Max)	% by Mass	2.7	2.5	Nil	Nil	10	10
6.	Specific Gravity at 25°C		1.2±0.04	1.2±0.02	1.32±0.02	1.37±0.02	N/A	N/A
7.	Bulk Density	gm/ml	NA	NA	NA	NA	0.65 (Min)	0.65 (Min)
8.	Insolubles, Max	% by Mass	0.5	0.5	-	0.5	1.5	1.5
9.	pH of 5% Solution	w/v	1.8 - 4.5	2.5 - 4.5	1.8 - 4.5	1.8 - 4.5	1.8 - 4.5	2.5 - 4.5

Caution : Acidic & Hygroscopic (Powder) in nature. **MB :** Medium Basicity **HB :** High Basicity

SUPPLY CAPACITY :

- 2000 MT MONTHLY

CAS No. : 1327-41-9

HS CODE : 28273200

Minimum Order Quantity : 1FCL minimum

PACKING :

- Powder (PAC30) : 25/50 kg PP woven Bags with two inner LDPE liners.
- Liquid (PAC10, PAC14 & PAC18) : 50kg HM-HDPE Carbuoys / 240 kg. HM-HDPE Barrels / Acid resistant rubber lined tankers.

ALUMINIUM SULPHATE (NON FERRIC)

“ We are the leader in manufacturing & exports of Aluminium sulphate”

We bring the premium quality products by state of the art technologies, Eco-friendly.



FEATURES :

- Safe to use
- Accurate composition
- High effectiveness

APPLICATIONS :

- Water Treatment Chemicals
- Detergent Chemicals
- Effluent Treatment Chemicals
- Leather Industry
- Paper and Pulp Industry

SPECIFICATIONS :

Sr.	Characteristics	Standard Specifications
1.	Water Soluble Alumina Al ₂ O ₃ , % by mass	Min. 17.0
2.	Soluble Iron Compounds, % by mass	Max. 0.7
3.	pH of 5% aqueous Solution	Min. 2.7
4.	Insoluble Matter, % by mass	Max. 0.5
5.	Basicity (as Al ₂ O ₃), % by mass	Max. 0.5
6.	Lead, ppm	Max. 30
7.	Arsenic, ppm	Max. 6



MANUFACTURING CAPACITY :

- 1000 MT Per Month

CAS No. : 10043-01-3

HS CODE : 28332210

Minimum Order Quantity : 1FCL minimum

PACKING :

- 25 kgs / 50 Kgs
- P.P. Bag with Inner P. E. lining



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CHLORINATED PARAFFIN 52%

SPECIFICATIONS :

Characteristics	Specifications
Appearance	White to Pale yellow viscous liquid
Chlorine Content	52% ± 2
Paraffin Range	C14 - C17
Ph	6.0 - 6.5
Sp. Gravity at 27°C	1.270 ± 0.02
Viscosity at 27°C (poise)	18 ± 6
Color (HU) Max	100
Heat Stability at 180°C for 1 Hr.	Color turns to dark yellow / Brown
Volatile loss (% Max)	2.5% (at 180°C / 4 Hrs.)
Refractive Index at 27°C	1.506 ± 0.002
Free mineral Acidity (%)	0.001%



APPLICATIONS :

Sector	Pattern of Use
Secondary Plasticizer	Used as a secondary plasticizer in PVC Resins, Plasticizers Extender in synthetic rubber, Chlorinated rubber, Nitrocellulose polystyrene etc.
Plastic and rubber Ind.	An indispensable compound for rubber and plastic industries in the manufacturer of PVC gardening and Ind. industrial hoses, Rubber belt, Cable, Compound etc.
Paint	For the manufacturer of Fire proof Paint.

SUPPLY CAPACITY :

- 400 MT Per Day

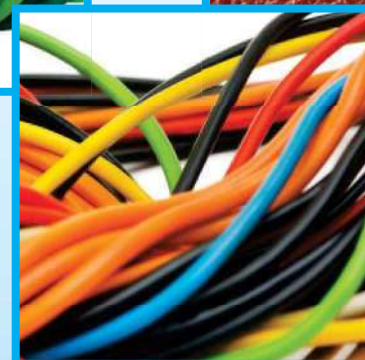
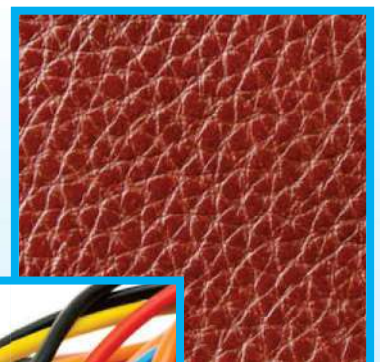
CAS No. : 63449-39-8

HS CODE : 38249090

Minimum Order Quantity : 1FCL minimum

PACKING :

- 250/265 Kgs New HDPE Drums
- 20 ft. Flexi-Tanks
- 1200 kg. HDPE IBCs
- 20 ft. ISO Tanks



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WASHERY WASHED INDUSTRIAL SALT

GENERAL SPECIFICATIONS :

NaCl	99% Min on dry basis, 95.5 % Min on wet basis
Ca	0.06% Max
Mg	0.05% Max
So4	0.20% Max
Total Soluble Impurities	0.35% Max
Insoluble	0.20% Max
Moisture	3.5% Max

Note : Specifications can be changed as per individual requirements.
Washing the salt in a three-staged washery by seawater, sweet water and brine water produces washery washed salt.

USES :

- Chlor-Alkali Plants
- Soda Ash Plants
- Rayon Plants
- Tyrechord Plants
- Caustic soda plants
- Paper manufacturing
- Dyeing Industry

PACKAGING :

- 25kg Bags
- 50kg Bags
- 1 T/600kg Big Bag
- Bulk
- Pulsed Bulk

COMMON SALT

GENERAL SPECIFICATIONS :

NaCl	97.5% Min on dry basis, 94 % Min on wet basis
Ca	0.30% Max
Mg	0.40% Max
So4	1.4% Max
Total Soluble Impurities	2% Max
Insoluble	0.20% Max
Moisture	3.0% Max

Note : Specifications can be changed as per individual requirements.

USES :

- Meat Curing
- Fish Preservative
- Cooking
- In making Ice-cream
- Making of table salt
- Deicing
- Chemical Industry

PACKAGING :

- 25kg Bags
- 50kg Bags
- 1 T/600kg Big Bag
- Bulk
- Pulsed Bulk

WASHED INDUSTRIAL SALT

GENERAL SPECIFICATIONS :

NaCl	98.5% Min on dry basis, 95 % Min on wet basis
Ca	0.20% Max
Mg	0.10% Max
So4	0.60% Max
Insoluble	0.20% Max
Moisture	3.5% Max

Note : Specifications can be changed as per individual requirements.

Industrial salt is manufactured in salt fields out of tidal seawater restricting calcium component in the salt.
Washing the salt with sweet water after making small heaps reduces the magnesium component.

USES :

- Chlor-Alkali Plants
- Soda Ash Plants
- Leather and tanning Industry

PACKAGING :

- 25kg Bags
- 50kg Bags
- 1 T/600kg Big Bag
- Bulk
- Pulsed Bulk

DEICING (SOLAR) SALT IN 25 KG BAGS

TECHNICAL SPECIFICATIONS FOR WHITE GRANULAR SALT :

Content of NaCl in % (dry basis)	MIN 99.5%
Content of CaCl ₂ (Calcium) in %	MAX. 0.04%
Content of MgCl ₂ (Magnesium) in %	MAX. 0.014%
Content of K (Potassium) in %	MAX. 0.012%
Content of CaSO ₄ (Sulphate) in %	MAX. 0.04%
Water content in %	MAX. 3%
Insolubles in %	MAX. 0.01%
Granulation	0-8 mm, 6% OS



PACKAGING :

- 25kg Bags
- 50kg Bags
- 1 T/600kg Big Bag
- Bulk
- Pulsed Bulk

DEICING (SOLAR) SALT IN BULK

TECHNICAL SPECIFICATIONS FOR WHITE (SOLAR) DEICING SALT 0-5MM :

Content of NaCl in % (dry basis)	MIN 99.5%
Content of CaCl ₂ (Calcium) in %	MAX. 0.04%
Content of MgCl ₂ (Magnesium) in %	MAX. 0.014%
Content of K (Potassium) in %	MAX. 0.012%
Content of CaSO ₄ (Sulphate) in %	MAX. 0.04%
Water content in %	MAX. 3%
Insolubles in %	MAX. 0.01%
Granulation	0-5 mm



ROCK SALT SPECIFICATIONS

CHEMICAL SPECIFICATION :

Property	Unit	Specification	Typical Analysis
Soluble Chlorides	%m/m NaCl	>90.0	93.8
Soluble Sulphate	%m/m CaSO ₄	>90.0	1.7
Insolubles	%m/m	<7.5	1.7
Moisture	%m/m	<4.0	1.1
Anti-caking agent	mg/kg	>30	63

GRADING :

Passing BS 410 Test Sieve	Specification % m/m	Typical Analysis
10 mm	100	100
6.3 mm	%m/m CaSO ₄	>90.0
2.36 mm	30-80	56
0.3 mm	<20	11









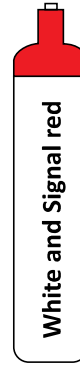
Note : Delivered product has a bulk density of approximately 1200 kg/m³



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INDUSTRIAL GASES

NAME OF GAS	Oxygen	Hydrogen	Argon	Nitrogen	Carbon Dioxide	Helium	Medical Oxygen	Nitrous Oxide	CNG
COLOUR	 Black	 Signal Red	 Peacock Blue	 French Grey & Black	 Black & Silver	 Middle Brown	 Black & White	 French Blue	 White and Signal red

We also supply cylinder without Gase(s).

SPECIFICATIONS :

PRODUCT	PURITY	PRESSURE	CYLINDER	GAS VOLUME
Hydrogen (Grade I)	99.999 %	130-140 kg/cm ²	47 Ltr. WC	7M ³
Hydrogen Comm. Grade	99.995 %	130-140 kg/cm ²	47 Ltr. WC	7M ³
Nitrogen (Grade I)	99.999 %	130-140 kg/cm ²	47 Ltr. WC	7M ³
Zero Air	99.999 %	130-140 kg/cm ²	47 Ltr. WC	7M ³
Helium	99.999 %	130-140 kg/cm ²	47 Ltr. WC	7M ³
Argon (Grade I)	99.999 %	130-140 kg/cm ²	47 Ltr. WC	7M ³
Argon Comm. Grade	99.995 %	130-140 kg/cm ²	47 Ltr. WC	7M ³

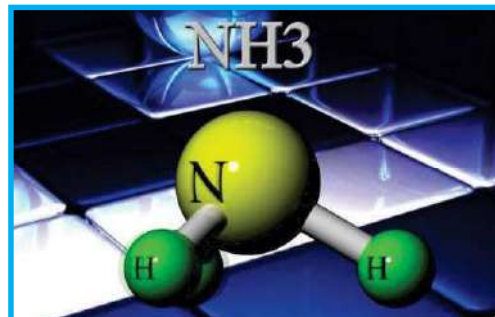
REFREGERENT GAS :

PRODUCT	CAPACITY (QTY.)
REFREGERENT GAS - R -134A	62 Kg/Cylinder & 10 Kg Cylinder
REFREGERENT GAS - R -22	61 Kg/Cylinder & 10 Kg Cylinder
REFREGERENT GAS - R404A	45 Kg/Cylinder
REFREGERENT GAS - R407C	45 Kg/Cylinder
REFREGERENT GAS - R 410A	55 Kg/Cylinder
REFREGERENT GAS - R32	50 Kg/Cylinder
REFREGERENT GAS - R14	30 Kg/Cylinder
REFREGERENT GAS - R23	30 Kg/Cylinder
REFREGERENT GAS R-141B	Net 250 Kg / drum (Use & Throw drum)

ANHYDROUS AMMONIA

SPECIFICATIONS :

Characteristics	Specifications
Purity (Min)	99.5%
Oil (Max)	20 ppm
Moisture (Max)	1%
Anhydrous Ammonia Conforms to	159747-1981



APPLICATIONS :

- In the manufacture of Explosives
- Manufacture of chemicals
- As a refrigerant
- In Pulp and Paper Industry
- In the Metal Industry
- Nitriding of Steel
- As a corrosion inhibitor
- In the Rubber Industry
- In Food and Beverages Industries
- In Leather Industries
- Synthetic drugs manufacture
- In the manufacture of household Ammonia
- In combination with chlorine
- Ammonia blue printing
- In production of Nitrogen Dioxide
- In Alkali Industry



SUPPLY CAPACITY :

- 400 MT Per Day

CAS No. : 7664-41-7

HS CODE : 28141000

Formula : NH₃

PACKING :

- As per your requirement



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