



MARUTI

TRADING & CO.



**Delivering Excellence in
Chemical Supply Solutions**

Authorised Partner



Chemcan Inc

5141 23A Ave Sw, Edmonton, T6x3A5



Vision

To become the premier supplier of high-quality chemical supplies, driving innovation and sustainability in the industry and fostering strong partnerships with our clients and stakeholders.



Mission

At Maruti Chemical Trading and Co. our mission is to deliver reliable and sustainable chemical supply solutions to our customers, empowering them to succeed in their businesses.

INDEX

ANHYDROUS ALUMINIUM CHLORIDE (AlCl_3)	2
BENZALDEHYDE ($\text{C}_5\text{H}_5\text{CHO}$)	3
BENZYL ALCOHOL ($\text{C}_6\text{H}_5\text{CH}_2\text{OH}$)	4
BENZYL CHLORIDE ($\text{C}_6\text{H}_5\text{CH}_2\text{Cl}$)	5
BIOWIN (Water Treatment Chemical)	6
BLEACHWIN (Special Grade Hydrogen Peroxide Package)	7
CARBON TETRACHLORIDE (CCl_4 - Tetrachloromethane)	8
CAUSTIC POTASH FLAKES	9
CAUSTIC POTASH LYE (KOH)	10
CAUSTIC SODA FLAKES (NaOH)	11
CAUSTIC SODA PRILLS (NaOH)	12
CHLORINATED PARAFFIN (CP)	13
CHLOROFORM (CHCl_3 - Trichloromethane)	14
HYDROCHLORIC ACID (HCl)	15
COMPRESSED HYDROGEN GAS (H_2)	16
HYDROGEN PEROXIDE (H_2O_2)	17
LIQUID CHLORINE (Cl_2)	18
METHYLENE CHLORIDE (CH_2Cl_2 - Dichloromethane)	19
PHOSPHORIC ACID (H_3PO_4 - Technical Grade)	20
POTASSIUM CARBONATE (K_2CO_3)	21
SCALEWIN (Water Treatment Chemical)	22
SODIUM CHLORATE (NaClO_3)	23
STABLE BLEACHING POWDER (SBP) (CaCl_2)	24

ANHYDROUS ALUMINIUM CHLORIDE (AlCl₃)- Technical Grade



Exclusive Features

- Low iron content
- Low metal Impurities
- Low insoluble content
- High purity Aluminium Chloride

Applications

- Reforming Hydrocarbons
- Electrolytic production of Aluminium
- Manufacturing of Dodecylbenzend
- Ethylbenzene for Styrene
- Anthraquinones
- Acetophenone & Benzophenone
- Titanium Dioxide
- Aromatic Chemicals
- Pesticides & Pharmaceuticals

Advantages

Maruti guarantees minimum 99% purity of Aluminium Chloride Anhydrous

Packing

The product is screened and packed in vacuum condition followed by nitrogen blanketing & heat sealing in :

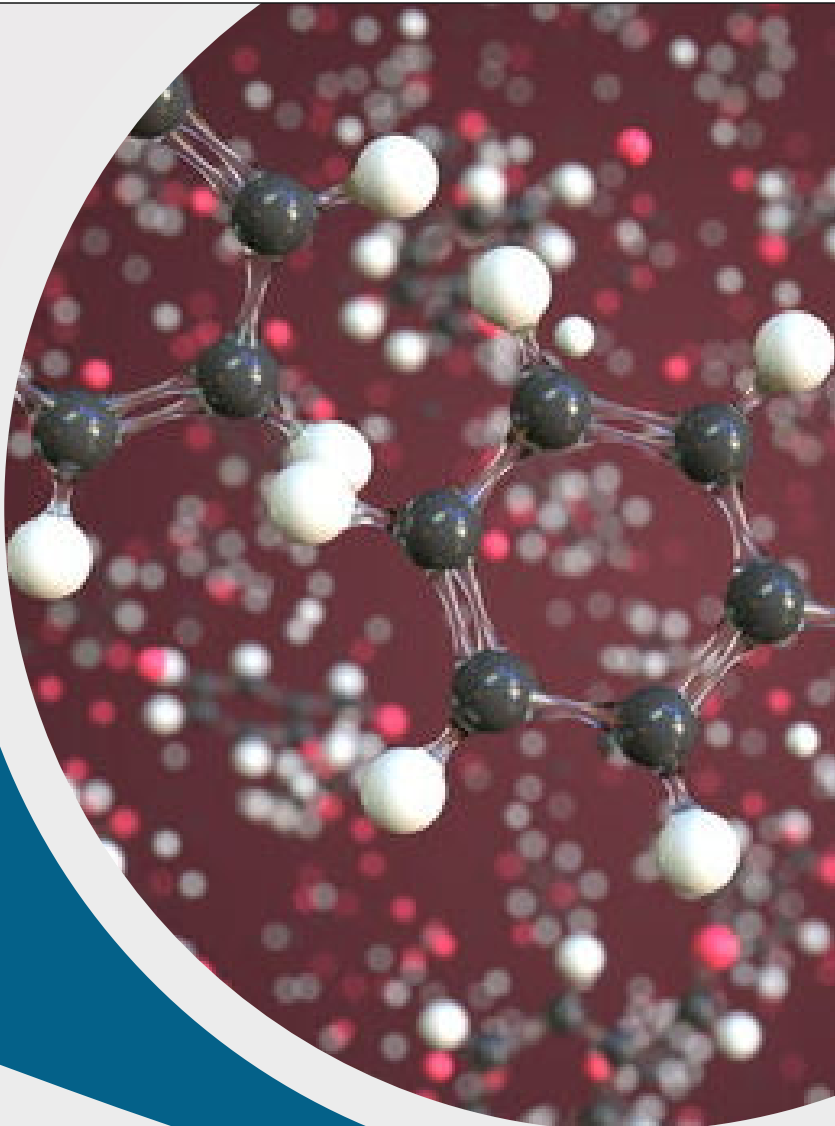
- 25 kg. PVC, LDPE bags
- 1000 kg. PVC Jumbo bag
- 250 kg. UN approved MS Drums
- Special packing as per Customer requirements

Specifications

Sr. No.	Characteristics	Unit	Anhydr ous ALC	Ultra Pure (Powder)	Ultra Pure (Granule)
1.	Purity, Min	%	99.0	99.0	99.3
2.	Water Insoluble, Max	%	0.05	0.02	0.01
3.	Non-Volatile, Max	%	0.9	1.4	0.7
4.	Free Aluminium, Max	ppm	50	50	50
5.	Iron as Fe+++ , Max	ppm	100 & 500	30	10
6.	All other metals, Max	ppm	150	150	150
7.	Partide Size	mm	2-9 & 0.85-10	0-1.41	0.86-4.76 4.76-10

BENZALDEHYDE

(C₅H₅CHO)



Exclusive Features

- Very Low Impurities in products
- Low Chloride Content

Applications

- Chemical Intermediates for dyes, Flavouring Materials, Perfumes and Aromatic Alcohol
- Solvent for Oils, Resins, Some Cellulose ethers, Cellulose Acetate and Nitrate
- Flavouring Compounds in Synthetic Perfumes
- Manufacturing of Cinnamic Acid, Benzoic Acid, Pharmaceuticals, Photographic Chemicals

Advantages

Maruti guarantees minimum 99.5% purity of Benzaldehyde.

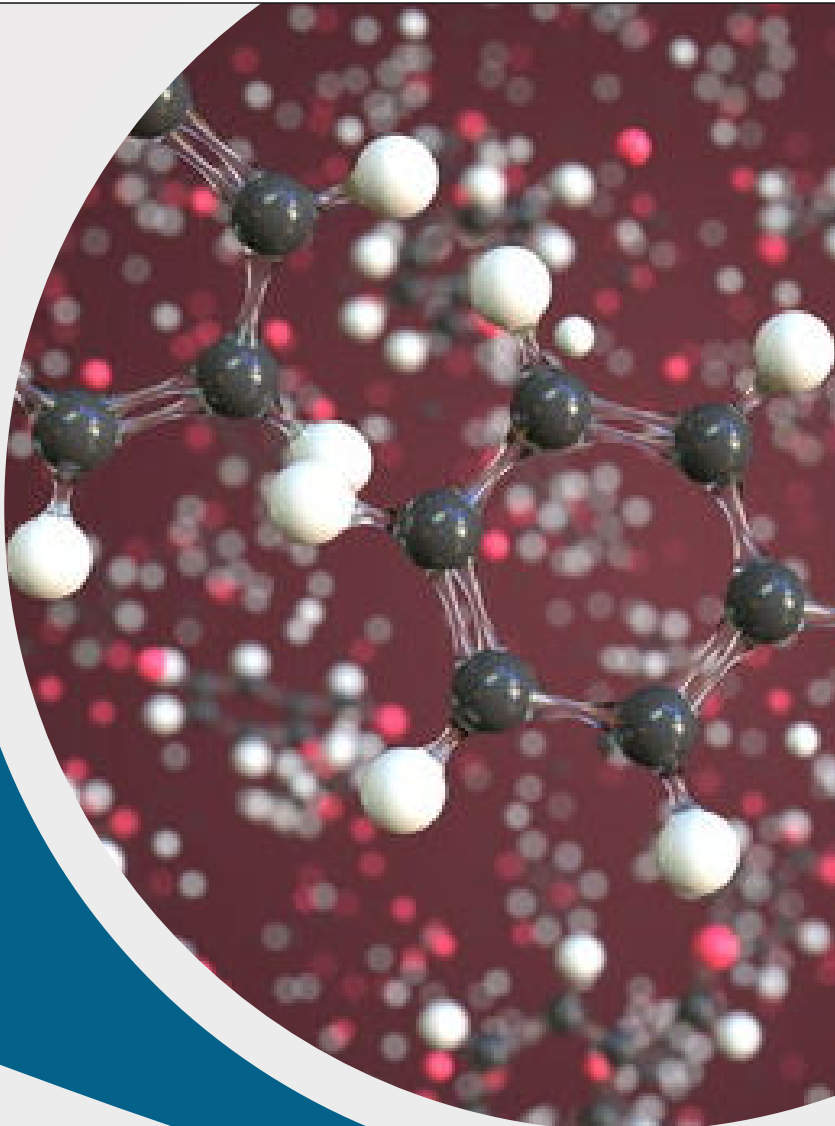
Packing

- 220 Kgs Net in HM HDPE Barrels, Tanker Load, ISO Tanks

Specifications

Sr.	Characteristics	Specifications)
1.	Molecular Wt.	106.12
2.	Appearance	Colourless Clear Liquid
3.	ASSAY by GLC	99.5% min
4.	Odour	Bitter Almond
5.	Colour	50 APHA
6.	Low Boiling Impurities	0.1 % Max
7.	High Boiling Impurities	0.4 % Max
8.	Specific Gravity at 27°C	1.040 to 1.045
9.	Acidity as Benzoic Acid	0.5% max

BENZYL ALCOHOL (C₆H₅CH₂OH)



Exclusive Features

- Very Low Impurities
- Free from Chlorine

Applications

- As a general solvent for inks, paints lacquers and epoxy resin coatings.
- As a precursor to a variety of esters used in soap, perfume and flavour industries.
- As a medication solution as preservative
- Photography industries.

Advantages

Maruti guarantees minimum 95.5% purity of Benzyl Chloride.

Packing

- 220 Kgs Net in HM HDPE Barrels, GI Drums, ISO Tanks

Specifications

Sr.	Characteristics	Specifications)
1.	Appearance	Colourless Clear Liquid
2.	ASSAY by GLC	99.5% min
3.	Colour	20 APHA max
4.	Water	0.1% max
5.	Specific Gravity at 25°C	1.042 to 1.046
6.	Flash Point	63 to 65°C
7.	Refractive Index at 20°C	1.5380 - 1.5410
8.	Benzaldehyde Content	0.1% max
9.	Dibenzylether Content	0.1% max

BENZYL CHLORIDE

(C₆H₅CH₂CL)



Exclusive Features

- Very Low Impurities
- Colourless Clear Liquid

Applications

- Dyes intermediates
- Benzyl Compounds
- Synthetic Tannins
- Perfumery
- Pharmaceuticals
- Manufacturers of Photographic Developers
- Gasoline Gum Inhibitors
- Penicillin Precursors
- Quaternary Ammonium Compounds

Advantages

Maruti guarantees minimum 99.5% purity of Benzyl Chloride

Packing

- 230 Kgs Net in HM HDPE Barrels, Tanker Load ISO Tanks

Specifications

Sr.	Characteristics	Specifications)
1.	Molecular Wt.	126.59
2.	Appearance	Colourless Clear Liquid
3.	ASSAY by Maruti	99.5% min
4.	Odour	Sharp Pungent
5.	Colour	50 APHA
6.	Specific Gravity at 27.5°C	1.094 to 1.095

BIOWIN

(Water Treatment Chemical)



Exclusive Features

- Broad spectrum Biocides, used to control algae & bacterial growth in the cooling water system.
- It is a blend of speciality Biocides, preventing the microbiological influenced corrosion & minimizing the clogging in the cooling water system.
- Compatible with our scale & corrosion inhibitor formulations branded as Scalewin.

Applications

- In Power plant cooling tower / cooling water system
- Cooling tower / cooling water system of chemical process plants.

Dose

Dosage will vary with the system parameters & quality of water

Advantages

1. Ready to use liquid
 2. Prolonged life of Heat Exchangers & Pipe line
 3. Takes care of overall microbiological debris/load in the cooling water system.
- The microbiology laboratory at Maruti is fully equipped with most modern instruments to monitor/identify the microbiological debris/load in the cooling water system.

Packing

- 35, 50 & 100 kg HDPE carboys/drum

Specifications

Sr.	Characteristics	Blowin-1	Blowin-2	Blowin-3	Blowin-4
1.	Appearance	Colourless to pale yellow liquid	Colourless to pale yellow liquid	Colourless to pale yellow liquid	Colourless
2.	Specific Gravity	0.95±0.05	1.01±0.10	0.95±0.05	1.00±0.10

BLEACHWIN

(Special Grade Hydrogen Peroxide Package)



Exclusive Features

- Special stabilizer is used to control the bleaching rate using Maruti Special grade Hydrogen Peroxide
- Special activator is used to activate Hydrogen Peroxide at room temperature in all weathers
- No heating energy is required as used in textile process houses/textile mills
- Easily adoptable to existing setup of hand-processing sectors of India (Rajasthan, Gujarat, South India)
- No Chlorinated effluent generated like that in Hypo or Bleaching Powder & hence it is an Eco-friendly process which is user-friendly also

Advantages

- Bleaching cost is almost same with better bleaching quality
- "Whiteness" in the cloth is of permanent nature. Cloth does not become yellow like bleaching powder/Sodium Hypo bleached cloth later on
- Cold "Bleachwin" process saves 5000 litres of water for beach of 2000 mtrs of grey cloth
- It gives good feel to fabric without any residual Chlorine/Hypo smell
- This process of "Bleachwin" removes starch very well and improves absorbency which gives better results during dyeing and after dyeing
- It gives spotless uniform dyeing depth to the fabric

Packing

- Bleachwin Hydrogen Peroxide
- 30 kg/50 kg HM-HDPE Carboys
- Bleachwin I (Stabilizer)
- 50 kg HM-HDPE Carboys
- Bleachwin 2 (Activator)
- 25 kg/50 kg HDPE bags with Inner HM Liner

Specifications

Sr.	Characteristics	Specifications
Bleachwin Hydrogen Peroxide (H₂O₂)		
1.	Appearance	Colourless liquid
2.	Concentration	50% w/w
3.	Stability	0.3 ml of O ₂ /25ml at 100°C for 30 minutes
Bleachwin I (Special Stabilizer)		
1.	Appearance	Clear yellowish Liquid
2.	Ionic Nature	Anionic
Bleachwin 2 (Special Activator)		
1.	Appearance	Pale Yellow Powder
2.	Iron (as Fe)	6 ppm max
Cautions : Activator should be stored in a cool, dry & well ventilated place. Avoid contact of wood & iron with 50% concentrated Hydrogen Peroxide, Store in a shed avoiding direct sunlight contact.		

CARBON TETRACHLORIDE

(CCl_4 -
Tetrachloromethane)



Exclusive Features

- Colourless, non-flammable liquid with moderately strong ethereal, non-Irritant odour. Boiling Point : 76.7°C
- Miscible with large number of common organic liquids, Slight solubility with water

Applications

- Fluorocarbon refrigerants and propellants
- Grain fumigants and flour bleaching
- Solvent in chlorinated rubber manufacturing and petroleum refining industry
- Grease removing agent for machinery and tool
- Dry-cleaning fluid
- Fire extinguisher
- Flotation fluid, synthesis of nylon-7
- Pharmaceutical preparations

Advantages

- Maruti Guarantees minimum 99.9% pure Carbon Tetrachloride of international quality which is stable upto 130°C with common construction metals in presence of light and water.
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

- Zinc coated non returnable GI Barrels each of 250 kg net weight for Export
- 300 kg net weight for domestic market in HM-HDPE Barrels
- 60 kg net weight for domestic market in HM-HDPE drums

Specifications

Sr.	Characteristics	Specifications	
1.	Colour	APHA	10.00 max
2.	Sp. Gravity (15°C/4°C)		1.600/1.608
3.	Purity	%	99.90 min
4.	Methylene Chloride	ppm	10.00 max
5.	Chloroform	ppm	100.00 max
6.	Trichloroethylene	ppm	100.00 max
7.	Moisture	ppm	50.00 max
8.	Free Chlorine	ppm	1.00 max
9.	Acidity	ppm	1.00 max

Cautions : Threshold limit 10 ppm as per ACGIH norms
Hydrolyzes to form Hydrochloric Acid with Water

CAUSTIC POTASH FLAKES



Exclusive Features

- Mercury free
- Low Iron content

Applications

- Potassium Carbonate manufacture
- Dye Stuff Industry
- Rubber Chemicals
- Potassium Permanganate manufacture
- Acid Neutralization
- Other Potassium based chemicals
- Pharmaceutical industry

Advantages

- Maruti Guarantees minimum 90% purity of KOH. Caustic Potash Flakes is stable even at high temperatures.
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

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

Specifications

Sr.	Characteristics	Specifications	
1.	Potassium Hydroxide (as KOH)	%	87.00 min
2.	Potassium Carbonate (as K_2CO_3)	%	00.50 max
3.	Chloride (as KCl)	ppm	300.00 max
4.	Iron (as FE^{+++})	ppm	20.00 max

Cautions : Harmful to Animals & Plant Tissues; Corrosive

CAUSTIC POTASH LYE (KOH)



Exclusive Features

- Mercury free

Applications

- Potassium Carbonate
- Dye Stuff Industry
- Rubber Chemicals
- Potassium Permanganate
- Acid Neutralization
- Other Potassium based chemicals
- Pharmaceutical industry

Advantages

- Maruti Guarantees minimum 47% purity of KOH. Caustic Potash Lye is stable even at high temperatures.
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

- In Tanker load

Specifications

Sr.	Characteristics	Specifications	
1.	Potassium Hydroxide (as KOH)	%	47.00 min
2.	Potassium Carbonate (as K_2CO_3)	%	00.50 max
3.	Chloride (as KCl)	ppm	150.00 max
4.	Iron (as Fe^{+++})	ppm	20.00 max

Cautions : Harmful to Animals & Plant Tissues; Corrosive

CAUSTIC SODA FLAKES

(NaOH)



Exclusive Features

- High Purity Caustic Soda
- Free flowing white deliquescent pieces

Applications

Major Consuming Industries :

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

Advantages

- Dissolves gradually in water
 - Easy to handle
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

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

Specifications

Sr.	Characteristics	Specifications	
1.	Sodium Hydroxide (as NaOH) Dry basis	%	99.50 min
2.	Sodium Carbonate (as Na ₂ CO ₃)	%	00.40 max
3.	Chloride (as Cl ⁻)	%	0.03 max
4.	Iron (as Fe ⁺⁺⁺)	ppm	20.00 max

Cautions : Exothermic reaction with water, human tissues

CAUSTIC SODA PRILLS (NaOH)



Exclusive Features

- Ultra 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

Major Consuming Industries :

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

Advantages

- Dissolves readily and more easily in water/saves dissolution time
- Highest purity prills gives higher yield/productivity
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

- 25 / 50 kg HDPE bags with heat-sealed and automatically stitched inner plastic liner.

Specifications

Sr.	Characteristics	Specifications
1.	Sodium Hydroxide (as NaOH) on Dry basis	% 99.40 min
2.	Sodium Carbonate (as Na ₂ CO ₃)	% 00.60 max
3.	Chloride (as NaCl)	% 0.02 max
4.	Iron (as Fe ⁺⁺⁺)	ppm 10.00 max
5.	Nickle (as Ni)	ppm 5.00 max
6.	Particle Size (nominal)	mm 0.7 to 1.1

Cautions : Exothermic reaction with water, human tissues

CHLORINATED PARAFFIN (CP)



Exclusive Features

- Pure HNP Base
- Excellent Heat Stability
- Excellent Flame retardant properties
- Low volatile loss

Applications

- Secondary Plasticiser in PVC compounding, Pipes & Hoses, Cable Compound, Footwear, Leather Cloth
- Additive in Lubricating Oils
- Additive in special grades of paints

Advantages

Maruti guarantees excellent Heat Stability of CP and lower volatile loss thereby increasing yield.

Packing

- 250 KGS. UN Approved HDPE Barrels
- Tanker Load

Specifications

Sr.	Characteristics	Specifications	
1.	Grade	CP-50 to 52	CP-60
2.	Chlorine %	50 to 52	60 to 62
3.	Appearance	White to Pale Yellow viscous liquid	White to Light Yellow viscous liquid
4.	PH	6.0 to 6.5	6.0 to 6.5
5.	Sp. Gravity st 27C	1.280 + 0.01	1.40 + 0.01
6.	Heat Stability at 180C for 1 hour	Colour turns to dark yellow/dark brown	Colour turns to dark yellow/dark brown
7.	Colour (HU) Max.	80	80
8.	Volatile loss 130° C/3 Hrs. % Max	1.0	1.0
9.	Viscosity at 27°C (Poise)	18±6	1100±300
10.	Refractive Index at 27°C	1.506±0.002	1.520±0.002
11.	Free Mineral Acidity % Max	0.001	0.001
12.	Paraffin Range	C14-C19	C14-C19
Caution : Contact with Eyes & Skin may cause irritation, avoid breathing			

CHLOROFORM

(CHCl₃ -
Trichloromethane)



Exclusive Features

- Colourless, non-flammable volatile liquid. Boiling Point : 61.3°C
- Miscible with organic solvents and slightly soluble in water with etheric colour

Applications

- Fluorocarbon Refrigerants and Resins
- Fire fighting Agent
- Solvent in Dye and Perfume manufacturing
- Extract ant for Penicillin, Essential Oils, and Alkaloids, Nicotine, etc.
- Soil Fumigants, Mildew Preventives
- Pharmaceutical preparations

Advantages

- Maruti guarantees minimum 99.9% pure Chloroform of international quality which is stable upto 120°C with common construction metals in presence of light and water.
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

- Zinc coated nor returnable GI Barrels each of 250 kg net weight for Export
- 280 kg net weight for domestic market in HM-HDPE Barrels

Specifications

Sr.	Characteristics	Specifications	
1.	Colour	APHA	10.00 max
2.	Sp. Gravity (15°C/4°C)		1.498/1.502
3.	Purity	%	99.90 min
4.	Methylene Chloride	ppm	40.00 max
5.	Carbon Tetrachloride	ppm	40.00 max
6.	I.I Dichloroethane	ppm	80.00 max
7.	CIS 1-2 Dichloroethane	ppm	130.00 max
8.	Moisture	ppm	100.00 max
9.	Free Chlorine	ppm	1.00max
10.	Acidity	ppm	1.00 max

Caution : Threshold limit 10 ppm as per ACGIH norms

HYDROCHLORIC ACID (HCl)



Exclusive Features

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

Applications

- Steel pickling and scale removal
- Water treatment
- One 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

Advantages

- Maruti HCl is guaranteed Mercury-free acid with minimum 30% concentration.
- QCD is equipped with most modern instruments to analyze special test on request

Packing

- CS Rubber lined Road Tankers
- 35 kg Carboys for Export Markets
- 240 kg HM-HDPE Barrels for export

Specifications

Sr.	Characteristics	Specifications	
1.	Sp. Gravity (at 27°C)		1.145
2.	Hydrochloric Acid (as HCl)	%	30.00 min
3.	Iron (as Fe ⁺⁺⁺)	ppm	1.00 max
4.	Free Chlorine & Bromine	%	0.020 max

Caution : Threshold limit 5 ppm as per ACGIH norms

COMPRESSED HYDROGEN GAS (H₂)



Exclusive Features

- High purity Hydrogen due to Membrane Electrolyser Technology
- Colourless & Odourless gas
- Mercury free

Applications

- Organic Hydrogenation
- As a Fuel
- Catalytic Reduction
- Hydrochloric Acid Manufacture
- As a Reducing agent
- Ammonia Synthesis
- Hydrogen-fuel cells manufacture used in eco-friendly automobiles (abroad)

Advantages

- Maruti guaranteed minimum 99.5% purity of H₂ as it is produced by Electrolysis.
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

- Cyliner (5, 6 & 7 NM³)
- H₂ Cylinder Banks / Skids

Specifications

Sr.	Characteristics	Specifications
1.	Purity (as H ₂)	% 99.50 min

Caution : Flammable limit in Air : 4 to 75 vol. %.
Explosive mixture with Oxygen.

HYDROGEN PEROXIDE (H₂O₂)



Exclusive Features

- Colourless, slightly viscous, water like liquid
- Miscible with water
- Mainly produces "ACTIVE OXYGEN" in all concerned processes.

Applications

- As a Bleaching agent for Pulp, Paper, Textiles, Sugar, Coir & Tobacco Industries
- Antiseptic agent in Pharmaceuticals
- Sterilizing agent in Aseptic packing
- As raw material for Organic and Inorganic chemicals, Dyestuffs and Pesticides
- Effluent treatment
- Propellant for Rockets & Aircrafts
- Oxidizing agent for Silver ornaments
- Neutralizing agent in wine distillation
- Chemical reagent for extraction of different metals: Cobalt, Uranium, Tungsten, etc.
- As an etching & cleaning agent in Electronic industry and Process equipments.

Advantages

- Use of Hydrogen Peroxide provides a "Clean Process" and enables to maintain pollution free environment as it decomposes to water and Oxygen. The rate of decomposition is as low as 1.0% per year at normal room temperature.
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

For 35% & 50% Conc. :

- 30 kgs/50 kgs HM-HDPE Carboys
- 250 kgs HM-HDPE Barrels
- Dedicated SS Tankers

For 60% Conc.:

- In dedicated SS Tankers & 30/50 kgs HM-HDPE Carboys

Specifications

Sr.	Characteristics	Grade	35% H ₂ O ₂	50% H ₂ O ₂	60% H ₂ O ₂
1.	Stability	ml. of 0/25 ml at 100°C for 30 min	0.30 max	0.30 max	0.30 max
2.	Acidity (as H ₂ SO ₄)	g/100ml	0.03 max	0.03 max	0.07 max
3.	Iron (as Fe)	ppm	1.00 max	1.00 max	1.00 max
4.	Copper (as Cu)	ppm	0.10 max	0.10 max	0.10 max
5.	Arsenic (as Ag)	ppm	2.00 max	2.00 max	2.00 max
6.	Lead (as Pb)	ppm	10.0 max	10.0 max	10.0 max

For 2 to 6 : COA (Certificate of Analysis) as & when required by Customer

LIQUID CHLORINE (Cl₂)



Exclusive Features

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

Applications

Manufacturing of :

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

Advantages

- Membrane Technology at Maruti 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.

Packing

- 90 kg Tonner
- 100 kg Cylinder

Specifications

Sr.	Characteristics	Specifications	
1.	Chlorine Content	% v/v	99.80 min
2.	Moisture	% w/w	0.01 max
Caution : Threshold limit 1 ppm in air as per ACGIH norms			

METHYLENE CHLORIDE

(CH₂Cl₂ -
Dichloromethane)



Exclusive Features

- Colourless, & non-flammable, Boiling Point : 40.4°C, clear liquid with stability upto 60°C
- Low toxicity and safe in handling

Applications

- Manufacturing of Polycarbonates, Phenolics, Rayon yarn
- Solvent for Cellulose Acetates, Photo-resist, Tablet film coatings
- Paint & Grease removing agent
- Fire fighting agent
- Extract ant for Edible fats, Cocoa, Butter and Essences
- Adhesives for Polymethyl Methacrylate
- Aerosol Propellant, Refrigerant
- Chemical reaction media
- Low temperature heat transfer medium

Advantages

- Maruti guarantees minimum 99.9% pure Methylene Chloride of international quality.
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

- Zinc coated GI Barrels of 250 kg net weight for Export
- 250 kg net weight HM-HDPE Barrels for Domestic Market
- 40 kg net weight HM-HDPE Drums for Domestic Market

Specifications

Sr.	Characteristics	Specifications	
1.	Colour	APHA	10.00 max
2.	Sp. Gravity (15°C/4°C)		1.332/1.340
3.	Purity	%	99.90 min
4.	Methyl Chloride	ppm	20.00 max
5.	Chloroform	ppm	40.00 max
6.	Carbon Tetrachloride	ppm	10.00 max
7.	Trans 1-2 Dichloroethylene	ppm	80.00 max
8.	Moisture	ppm	200.00 max
9.	Free Chlorine	ppm	1.00 max
10.	Acidity	ppm	1.00 max

Caution : Threshold limit 50 ppm as per ACGIH norms

PHOSPHORIC ACID

(H_3PO_4 - Technical Grade)



Exclusive Features

- Colourless and odourless liquid
- Soluble in water alcohol
- Toxic by ingestion and inhalation
- Very low arsenic content

Applications

- Pre-metal treatment chemicals
- Sugar refining
- Anodizing
- Stabilizing agent (Hydrogen Peroxide)
- Waster water treatment chemicals
- Activated Carbon
- Soaps and detergents
- Tea-leaf processing

Advantages

- Maruti guarantees minimum 85.0% purity and chemically stable water white Phosphoric Acid of international quality. It is made from Mercury-Free HCl of our own plant.
- QCD is equipped with most modern instruments to analyze special tests also on request.

Packing

- 30 kgs / 50 kgs HM-HDPE Carboys
- 300 kgs HM-HDPE Barrels
- CS Rubber lined Road Tankers

Specifications

Sr.	Characteristics	Specifications	
1.	H_2PO_4 concentration	%	85 min
2.	P_2O_5	%	62.30
3.	Iron as Fe	ppm	10.00 max
4.	Sulphate as SO_4	ppm	300.00 max
5.	Chloride as Cl^-	ppm	15.00 max
6.	Flouride as F	ppm	100.00 max
7.	Ca and Mg	ppm	50.00 max
8.	Heavy Metals as Pb (Lead)	ppm	10.00 max
9.	Arsenic as As	ppm	1.00 max
10.	Colour	Water White	

Caution : Toxic by ingestion and Inhalation

POTASSIUM CARBONATE

(K₂CO₃)



Exclusive Features

- White Deliquescent Inorganic compound
Melting point 891°C and specific gravity of 2.428 at 19°C
- Soluble in water and Insoluble in Alcohol
- Available in Granules and powder form

Applications

- TV Picture Tubes
- GLS lamps and Ophthalmic glasses
- Fertilizer Industry
- Rubber Chemicals
- Pesticide Industry
- Dyes Industries and other Potassium based chemicals

Advantages

- Maruti guarantees minimum 99% purity and chemically stable Potassium Carbonate of International quality. Product is made from Caustic Potash Lye from Membrane Cell Technology with Mercury-Free quality.
- QCD is equipped with most modern instruments to analyze special test on request.

Packing

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

Specifications

Sr.	Characteristics	Specifications	
1.	Total Alkalinity (as K ₂ CO ₃) on dry basis	%	99.00 min
2.	Free Alkali as KOH	%	00.20 max
3.	Bi Carbonate (as KHCO ₃)	%	00.40 max
4.	Chloride (as KCl)	ppm	150.00 max
5.	Iron (as Fe ⁺⁺⁺)	ppm	10.00 max

Caution : Decomposes when heated, emitting toxic fumes

SCALEWIN

(Water Treatment Chemical)



Exclusive Features

- Phosphonate based synergic blend of multi-metal corrosion inhibitors, dispersants and scale inhibitor
- Combats corrosion and scale problems in cooling water systems.
- It has a good hydrolytic stability and sequestration properties, useful for cooling water system

Applications

- Power plant cooling tower / cooling water system
- Cooling tower / cooling water system of chemical process plant
- Scalewin 1 & 2 are always used in combination in the power plants

Advantages

Scalewin/Scalewin 1 :

Organo Phosphonate based corrosion and scale inhibitor formulation, which can be used for trouble free operation of most of the cooling water systems.

Scalewin 2 :

Azole based synergistic blend of multi-metal corrosion and scale inhibitors suitable for copper and brass metal cooling water system.

R & D is equipped with most modern instruments to analyze and carry out special test on request.

Packing

- 50 kg HDPE Carboys

Specifications

Sr.	Characteristics	Specifications
Scalewin / Scalewin 1		
1.	Appearance	Colourless to pale yellow liquid
2.	Sp. Gravity	1.05 +/- 0.05 gm/cc
3.	pH	Less than 2
Scalewin 2		
1.	Appearance	Pale yellow liquid
	Sp. Gravity	1.10 +/- 0.05 gm/cc

Dose : Dosage may vary with system parameters and quality of water.

SODIUM CHLORATE (NaClO₃)



Exclusive Features

- Free flowing while crystalline powder
- Strong oxidizing agent
- Readily soluble in water
- Hygroscopic in nature

Applications

- Bleaching agent for Pulp & Paper Industry
- Rocket Propellants
- Water Treatment
- Metal Mining
- Manufacture of Sodium Chlorite
- Chemical Oxygen generation
- As an Intermediate for the synthesis of other Chlorates, Perchlorates

Advantages

- Free flowing Powder - easy to handle
- Readily soluble in Water with practically no insoluble
- Available in various sized packing

Packing

- 25 kgs./50 kgs./500 kgs./1000 kgs. (Jumbo) PP Bags with LDPE liner.

Specifications

Sr.	Characteristics		Specifications	Typical
1.	NaClO ₃	%	99.00 min	99.5
2.	Nacl	%	0.20 max	0.10
*3.	Moisture	%	0.10 max	0.10
4.	Na ₂ SO ₄	ppm	0.02 max	0.02
* As and when required				

STABLE BLEACHING POWDER (SBP) (CaCl₂)



Exclusive Features

- Mercury Free
- Strong Oxidizing and Bleaching Agent

Applications

- Bleaching agent in Paper, Textile Industry, Hand Looms, Power looms & Soap Industry
- Household Bleaching/cleaning applications
- Waste Water treatment and Sewage disposal
- Oxidizing Agent
- Disinfecting agent
- Food Processing, beverage and sugar industry

Advantages

- Maruti guarantees minimum 34.0% of available Cl₂.
- Fairly stable in alkaline medium at room temperature

Packing

- 25 kg LDPE lined HDPE bags

Specifications

Sr.	Characteristics	Specifications	
		Grade 1	Grade 2
1.	Available Chlorine (as Cl ₂)	34.0% min.	32.0 % min.
2.	Moisture	0.3% max.	0.5% max.
3.	Stability	1/15 max.	1/11 max.

Caution : Store in a cool, dry and well ventilated place. Use personal protective equipments during application.



All Types of Solvent & Chemicals

M-49/586, Ambica Appartment, Nr. Sastrinagar BRTS, Ahmedabad - 380013.

M : +15879735204, +917990013904

Email : Info@marutichemic.com