



COMPETITIVE
PRICE &
QUALITY

QUICK
RESPONSE &
DELIVERY

LONG TERM
RELATIONSHIP

CUSTOMER
SATISFACTION

A Total Solution Provider
For The Chemical Industry



QUANTUM
RENEWABLE SYSTEMS

About Us

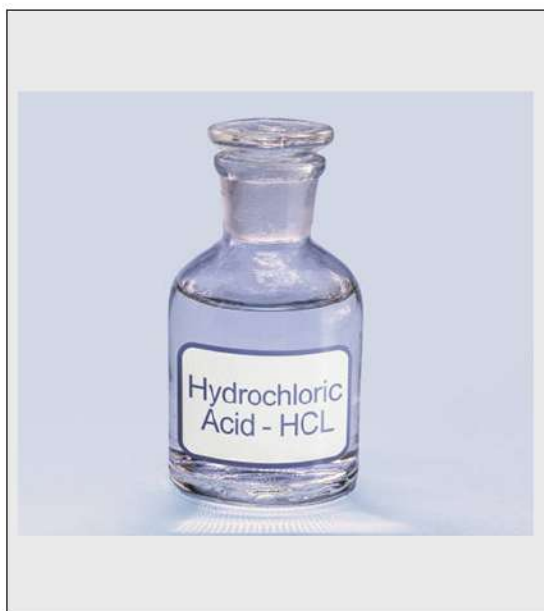
Quantum Renewable Systems stands out as a distinctive and renowned Merchant Exporter of a wide range of Chemical products and solutions, specializing in the export of various chemical compounds, substances, and related accessories.

Quantum Renewable systems was established in the year 2015 under the leadership of Mr. Aditya Jhaveri whose 20+ years of knowledge and experience in the field has grown the company across 10+ countries. Our mission of never compromising on quality while understanding the value of time has led us to having exclusive tieups with some of the leading manufacturers of India for the export of their products all of who maintain international standards through their world-class manufacturing facilities. Our approach to exports has helped us create long lasting relationships with happy customers across the world



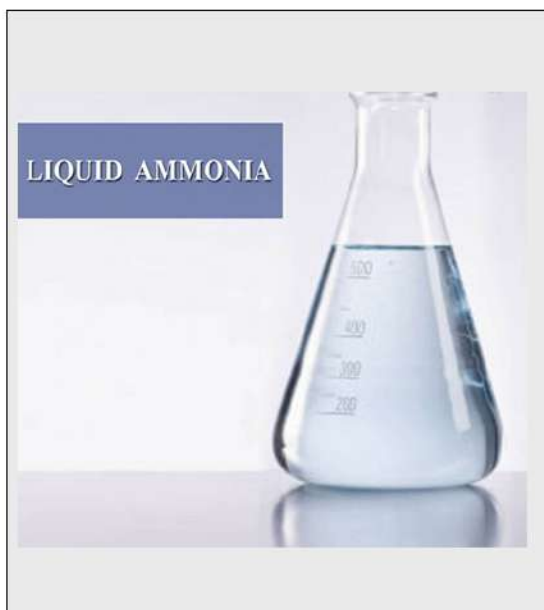
1. CAUSTIC SODA FLAKES

Formula	NaOH
Name	Sodium hydroxide minimum 97% w/w
Synonyms	Caustic soda flakes, sodium hydroxide
Specifications	Sodium hydroxide as NaOH, per cent by mass: Min. 99.50 Chlorides as NaCl, per cent by mass: Max. 0.10 Sodium carbonate as Na ₂ CO ₃ , per cent by mass, Max. 0.40
Applications	Alumina refineries Pulp and paper Soaps and detergents Viscose fibre Textile processing Organic chemicals such as dyes, etc. Inorganic chemicals such as sulphites, phosphites, etc.
Packaging / transportation	50kg / 25kg HDPE / PP bags with LDPE line, trucks and containers



2. HYDROCHLORIC ACID

Formula	HCL
Name	Hydrochloric acid
Synonyms	Hydrogen chloride, chlorohydric acid and muriatic acid
Specifications	Total acidity as HCl, per cent by mass: Min. 31 Iron as Fe, ppm: Max. 1 Total halides as free chlorine, ppm: Max. 20 Specific gravity at 25 °C: Min. 1.15
Applications	Monosodium glutamate Glutamic acid Dyes Latex coagulation Metal pickling Petroleum refinery Floor cleaning product Phosgene Leather industry Sugar refining Brewery Galvanising Water treatment
Packaging / transportation	MS rubber-lined road tankers, 250kg HDPE barrels



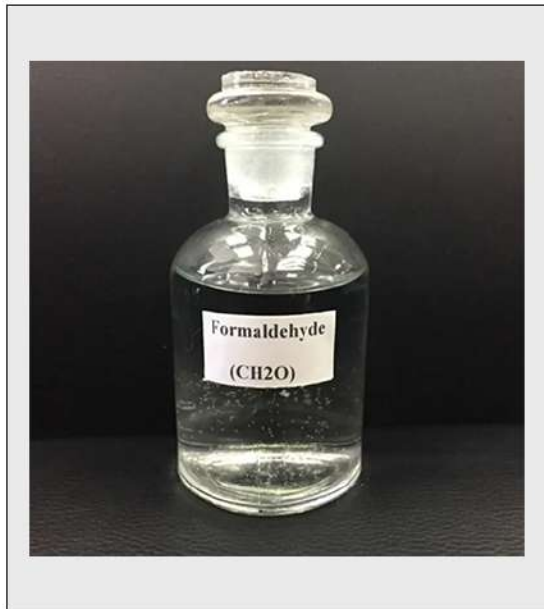
3. LIQUID AMMONIA

Formula	NH ₄ OH
Name	Liquid Ammonia
Synonyms	Aqua Ammonia
Specifications	UN No. 2672 and CAS registry is 1336-21-6 concentration of about 25%
Applications	Rubber Pharmaceuticals
Packaging / transportation	5 Lt. To 235 Lt. HMHDPE Plastic containers 6 MT to 15 MT Tankers and 22 MT ISO Tankers



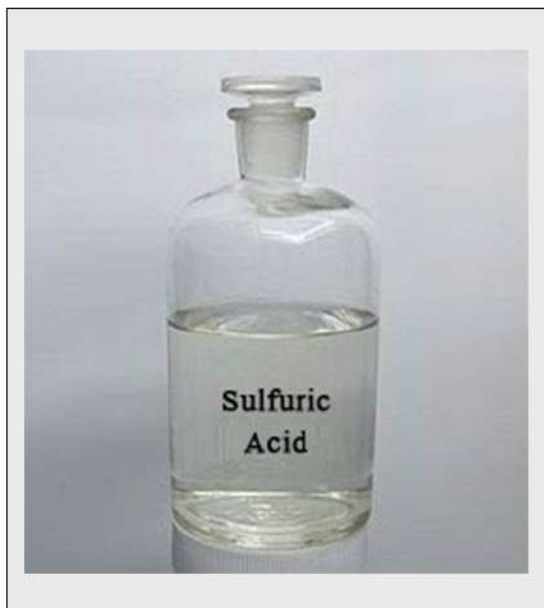
4. FERRIC CHLORIDE

Formula	FeCl ₃
Name	Ferric Chloride Anhydrous
Synonyms	Iron(III) chloride, Iron tri chloride, Ferric Trichloride Anhydrous
Specifications	Ferric Chloride (as FeCl ₃) : 98.00 % min Matter Insoluble in water : 0.50 % max Free Chlorine (as Cl) : 0.01 % max Ferrous Salts (as FeCl ₂) : 0.10 % max Sulphates (as SO ₄) : 0.30 % max Nitrates (as NO ₃) : 0.05 % max Copper (as Cu) : 0.015 % max Zinc (as Zn) : 0.01 % max Arsenic (as As ₂ O ₃) : 0.0005 % max Alkalis and Alkaline earths : 0.30 % max



5. FORMALDEHYDE

Formula	FeCl ₃	
Name	formaldehyde	
Synonyms		
Specifications	Formaldehyde, wt. % Methanol, wt. % Acidity, wt. % as formic acid Color, APHA Specific Gravity at 25°C Weight per gallon, lb. Flash Point, °F (Pensky-Martens Closed Cup) Suggested Storage Temperature, °F	52.0- 1.5 .05 10 Approx. Approx. 9.6 175 131-158
Applications	Medium Density Fiberboard (MDF) Oil filters Thermoset Resins Uninhibited grade Oriented Strand Board (OSB)	



3. SULPHURIC ACID

Formula	H ₂ SO ₄
Name	Sulfuric acid 98%
Synonyms	Hydrogen sulfate, ; Battery acid
Specifications	Physical State: Liquid Appearance: oily - clear colorless to yellow pH: 0.3 (1N solution) Vapor Pressure: < 0.001 mm Hg @ 20 deg C Vapor Density: 3.38 (air=1) Evaporation Rate: Slower than ether. Viscosity: 21 mPas @ 25 C Boiling Point: 290 - 338 deg C Decomposition Temperature: 340 deg C Specific Gravity/Density: 1.84 Molecular Weight: 98.07 Freezing/Melting Point: 10 deg C
Applications	Chemical Manufacturing Manufacturing Food Acids Adhesives Fertilizer manufacturing Plastics Manufacturing
Packaging / transportation	HMHDPE Drums 30/50/300 Kg

7. CAUSTIC SODA LYE

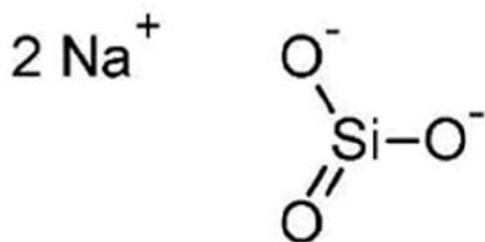
Formula	NaOH
Name	Caustic Soda Lye (Solution 48 - 50 %)
Synonyms	Caustic soda lye, sodium hydroxide
Specifications	Specific gravity at 30°C: Min. 1.514 Purity: Min. 47% w/w Sodium chloride: Max. 0.03% wt Sodium carbonate: Max. 0.20% wt Iron: Max. 0.001% wt
Applications	Alumina refineries Pulp and paper Soaps and detergents Viscose fibre Textile processing
Packaging / transportation	Road tankers / rail wagons

8. HYDROGEN PEROXIDE

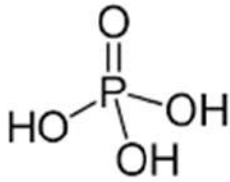
Formula	H2O2
Name	Hydrogen Peroxide 50% /35%
Synonyms	-
Specifications	Chemical family: PEROXYGEN CAS No.: 7722-84-1 Hazard class: NFPA hazard class II oxidiser UN Number: 2014 35 per cent and 50 per cent
Applications	Printed circuit board Wafer manufacturing Pools / spa / fountains Process water Beverage industry and breweries
Packaging / transportation	Road tankers / rail wagons

9. SODIUM SILICATE LIQUID

Formula	Na2O
Name	Sodium Silicate
Synonyms	SS, Sodiumsilicate,Silicate.
Ask for Specifications	SPECIFICATION OF SODIUM SILICATE GLASS (Co.Code No. GL - II) SPECIFICATION OF SODIUM SILICATE GLASS GL III (Co.Code No. SS: Glass NTL5) SPECIFICATION OF SODIUM SILICATE NEUTRAL POWDER (Co.Code No. S 31) SPECIFICATION OF SODIUM SILICATE ALKALINE POWDER (Co.Code No. S32) SPECIFICATION OF SODIUM SILICATE NEUTRAL (Co.Code No. SS:Liq S-21/22) SPECIFICATION OF SODIUM SILICATE LIQUID (Co.Code No. S 11/12)



10. PHOSPHORIC ACID



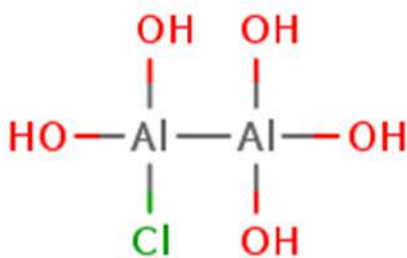
Formula	H3PO4
Name	Phosphoric acid 85% (Food Grade & Technical)
Synonyms	ORTHOPHOSPHORIC ACID
Ask for Specifications	

11. NITRIC ACID



Formula	HNO3
Name	Nitric acid 68-69% & 60-62%
Synonyms	Azotic acid, Salpetersaeure
Ask for Specifications	

12. POLY ALUMINUM CHLORIDE



Formula	Al2Cl(OH)5
Name	Poly aluminum Chloride
Synonyms	PAC, Alluminium Chloride Hydroxide
Ask for Specifications	

13. ACETIC ACID GLACIAL



Formula	C2H4O2
Name	Acetic acid Glacial 99.85%
Synonyms	Ethanoic acid, vinegar, ethylic acid
Ask for Specifications	

14. POTASSIUM HYDROXIDE

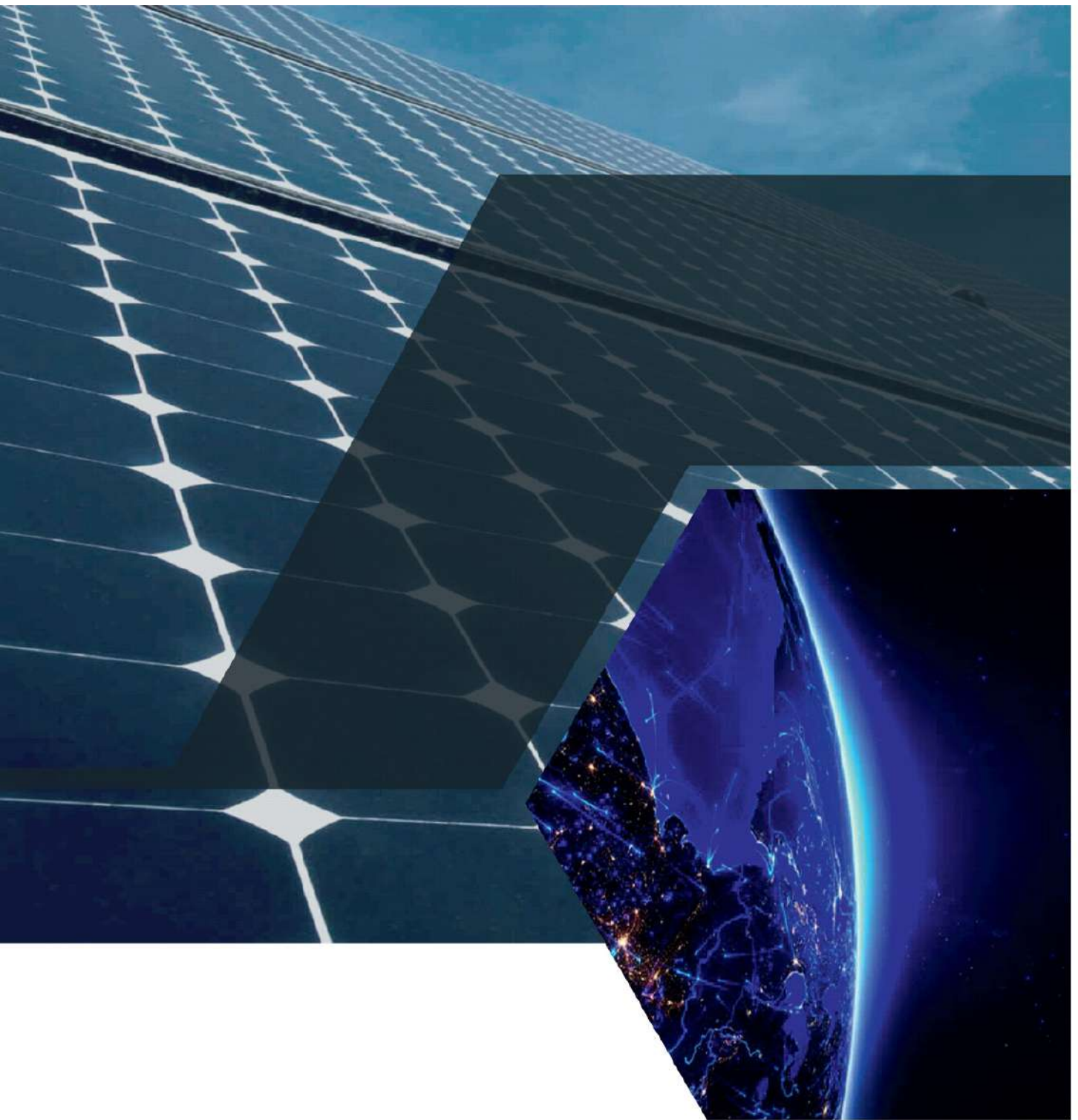


Formula	KOH
Name	Potassium hydroxide lye
Synonyms	caustic potash
Ask for Specifications	

15. OTHER CHEMICAL REQUIREMENTS

Formula	-
Ask for Specifications	





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