The Leela Corporation has always believed in exceeding customer expectations on quality, performance, and service. This has been achieved throgh teamwork and continuous learning and improvement.

The Leela Corporation

STRONG ACID & BASIC CHEMICAL

By

THE LEELA CORPORATION

Welcome to The Leela Corporation

Established as an entity in the year 2015, we "The Leela Corporation" are a leading service provider and exporter/importer of a wide range of chemicals, spents, dyes, pigments, intermediates, solvent and into business of hazardous waste management service having its base in Ahmedabad (Gujarat, India), with the support of our channel partners, we are able to provide these products in diverse specifications within stipulated time period.

The Leela Corporation is a conglomerate, one of the fastest emerging companies certified by an ISO 9001:2015 & ISO 14001:2015 and manufacturers and exporters of acrylic based specialty Polymers for pharmaceuticals, cosmetics and personal care industry in India, today TLC is a multi- product group with proven capabilities in design, development, manufacturing and servicing various polymers and related products for all the above-mentioned industries. TLC has been a host to provide solutions to industry's specific problems and needs.

Marketing

Our marketing policy is to directly reach to customer and distributor, support them with technical help up to standardization of the application. Marketing team comprises of well experienced persons with appropriate technical skills.

Vision

The leela corporation has become the fastest growing indian Manufecturer & Expoter of Strong Acid and Basic chemical company denoting the overarching goal that the company wants to achieve in the future.

PRODUCT LIST

1. HYDROCHLORIC ACID 05
2. SULFURIC ACID 09
3. ACETIC ACID 12
4. NITRIC ACID 15
5. PHOSPHORIC ACID 19
6. FERRIC CHLORIDE LIQUID 22
7. SODIUM SILICATE 26
8. CAUSTIC SODA LYE 29
9. CAUSTIC SODA FLAKES 32
10. HYPO/HYDROGEN PEROXIDE 34
11. SODA ASH LIGHT 37
12. LIQUOR AMMONIA 40

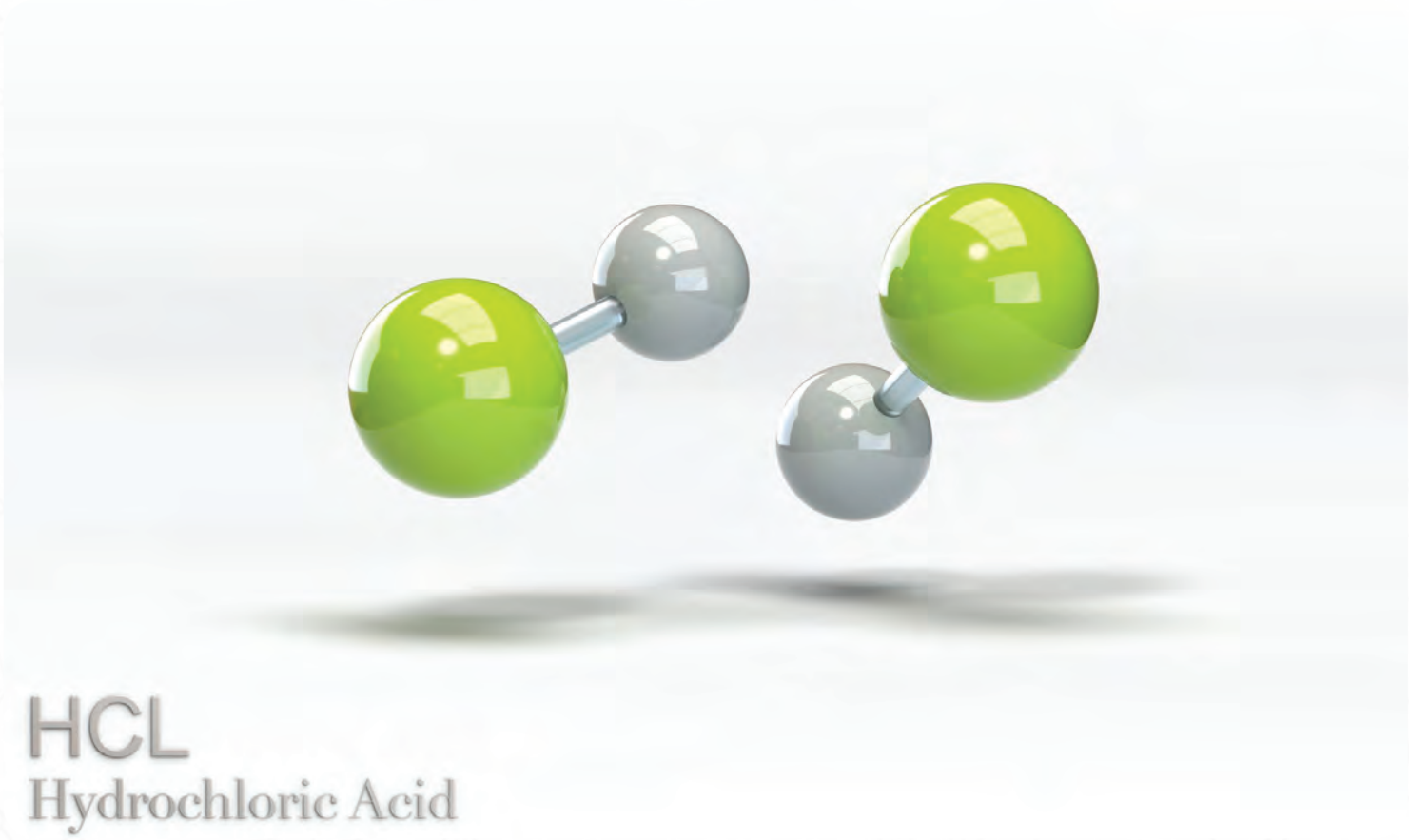
HYDROCHLORIC ACID 33% & 35%

At the outset, we are pleased to introduce The LeelaCorporation as one of the renowned Suppliers based inGujarat, India that facilitates Hydrochloric Acid is manufactured by chlorine and hydrogen fromMembrane cells Technology of UHDE, Germany.

We can provide enough quantity for your requirements as we have manufacturing production facilities of up to 3000 MTS/Month

Product: HYDROCHLORIC ACID.

Material Acidity: 33% & 35%



PRODUCT IDENTIFICATION:

Hydrochloric Acid also known as Muriatic Acid

CAS NO: 7647-01-0

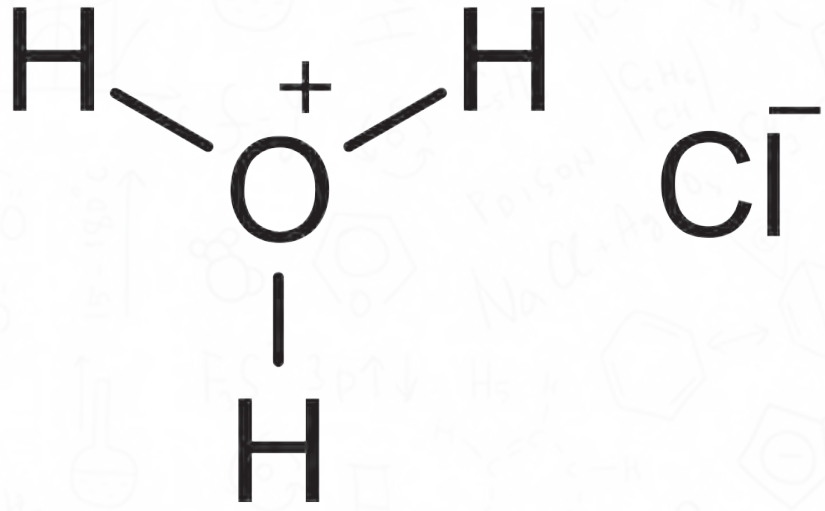
HS CODE: 28061000

CHEMICAL FORMULA: HCL

UN NO: UN1789

PACKING GROUP: II

CLASS: 8



EXCLUSIVE FEATURES:

- Mercury free
- Colorless and corrosive liquid
- Stable even at high temperature
- Low iron content

APPLICATION:

- Steel pickling and scale removal
- Ore refining
- Water treatment chemical
- Food processing
- Manufacture of chlorine dioxide
- Activation of petroleum wells
- Catalyst in organic process
- Removal of heavy metal from carbon black and activated carbon
- Zeolites
- Hydrolyzing agent

PREFERRED INDUSTRIES:

- Metal Industries
- Textile Industries
- Rubber Industries
- Mining Industries
- Water Treatment Chemicals
- Pharmaceutical

PACKAGING:

HDPE JERRY CAN / CARBOYS

- 40 kgs HDPE Jerry Can / Carboys
- 650 HDPE Jerry Can / Carboys Per 1X20" FCL
- 26.000 MT Per 1X20" FCL

HDPE DRUMS

- 280 kgs HDPE DRUMS
- 80 HDPE DRUMS Per 1X20" FCL
- 22.400 MT Per 1X20" FCL

IBC TANKS

- 1150 kgs IBC TANK
- 20 IBC TANKS Per 1X20" FCL
- 23.000 MT Per 1X20" FCL

SULPHURIC ACID 70% & 98%

At the outset, we are pleased to introduce The Leela Corporation as one of the re-nowned Suppliers of Sulphuric Acid 70% & 98% based in Gujarat, India that facili tates Sulphuric Acid Minimum 70% & 98%.

We can provide eno production facilities of up to 3000 MTS/Month.

Product: Sulphuric Acid

Material Acidity: 70% & 98%

EXCLUSIVE FEATURES:

- Highly corrosive
- Strong mineral acid
- Colourless

APPLICATION:

- Domestic Acidic Drain Cleaner
- Non-ferrous metal plating and purification
- The electrolyte in Lead-Acid Batteries

PREFERRED INDUSTRIES:

- Mineral Processing
- Fertilizer Manufacturing
- Fine Chemical
- Oil Refining
- Wastewater Processing
- Chemical Synthesis
- Rayon
- Steel Industry
- Refineries
- Petrochemicals Paints
- Textiles
- Zinc Sulphate

- Phosphoric Acid Manufacturing
- LABSA for Detergent
- Chemical Gypsum for Cement Industries
- Metal Industry
- Specialty Chemicals
- Dyes & Intermediate
- Pharmaceuticals
- All Spectrum of Industries

PRODUCT IDENTIFICATIONS:

Sulphuric Acid is also known as Oil of Vitriol

CAS No. 7664-93-9

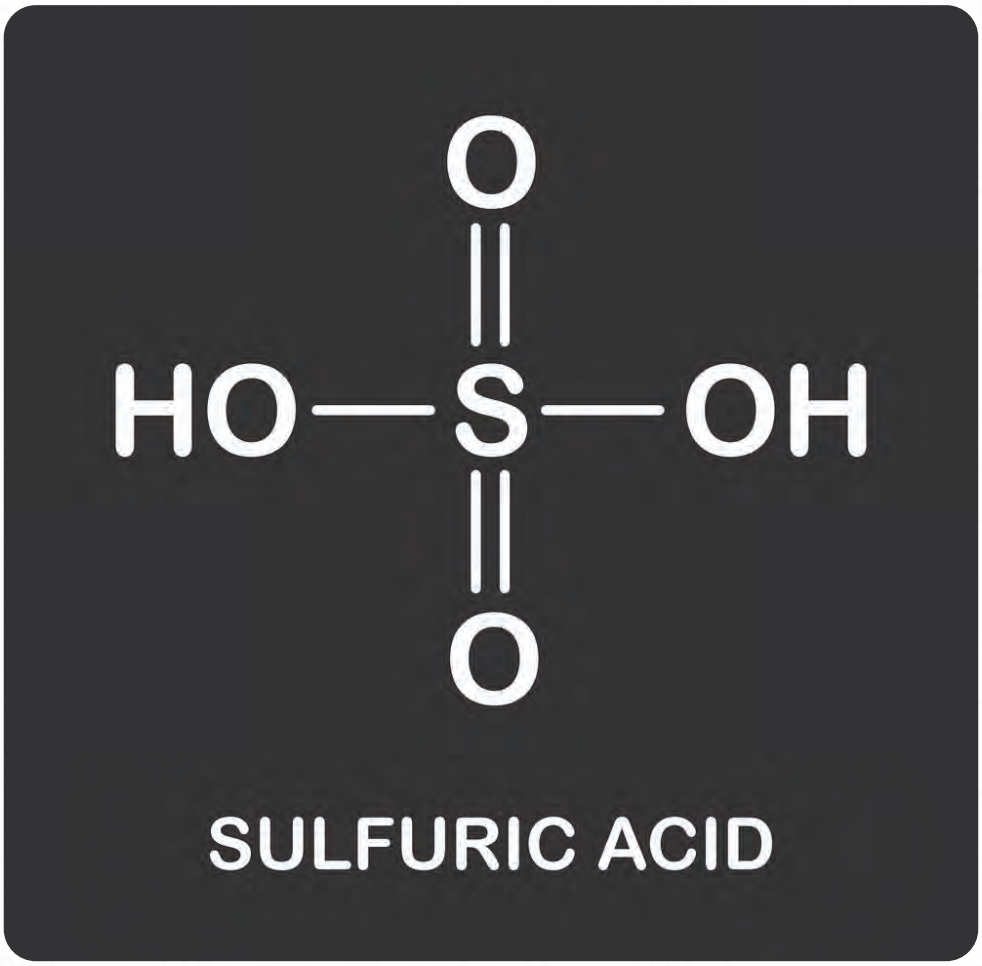
HS Code: 28070010

Chemical Formula: H_2SO_4

UN No: UN1830

Packing Group:

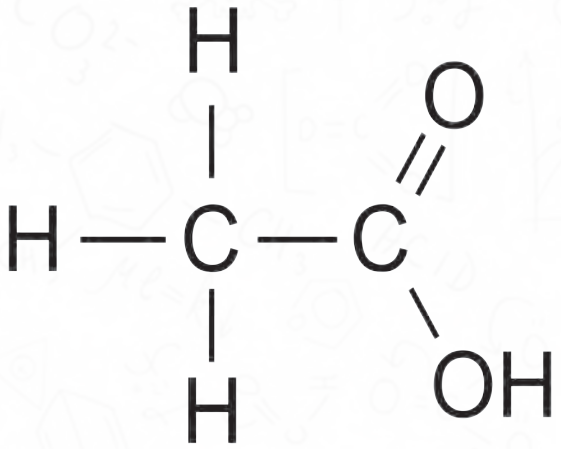
Class: 8



ACETIC ACID (GLACIAL)

At the outset, we are pleased to introduce The Leela Corporation as one of the renowned Suppliers of Acetic Acid based in Gujarat, India that facilitates Acetic Acid. We can provide enough quantity for your requirements as we have manufacturing production facilities of up to 2000 MTS/Month.

Product: ACETIC ACID



PRODUCT IDENTIFICATIONS:

Acetic acid, systematically named ethanoic acid is an acidic, colourless liquid and organic compound with the chemical formula CH3COOH (also written as CH3C02H, C2H402, or HC2H302).

- HS Code: 29152100
- UN No: UN 2789
- Packing Group: II
- Class: 8

USES:

- ACETIC ANHYDRIDE
- MONOCHLORO ACETIC ACID
- ACETATES
- DIKETENE DERIVATIVES
- VINYL ACETATE MONOMER(VAM)
- PURIFIED TEREPHTHALIC ACID(PTA)
- DYES & DYE INTERMEDIATES:
- ACETIC ACID IS USED IN TEXTILE INDUSTRIES FOR TEXTILE PROCESSING AND PRINTING.

PACKAGING:

HDPE JERRY CAN / CARBOYS

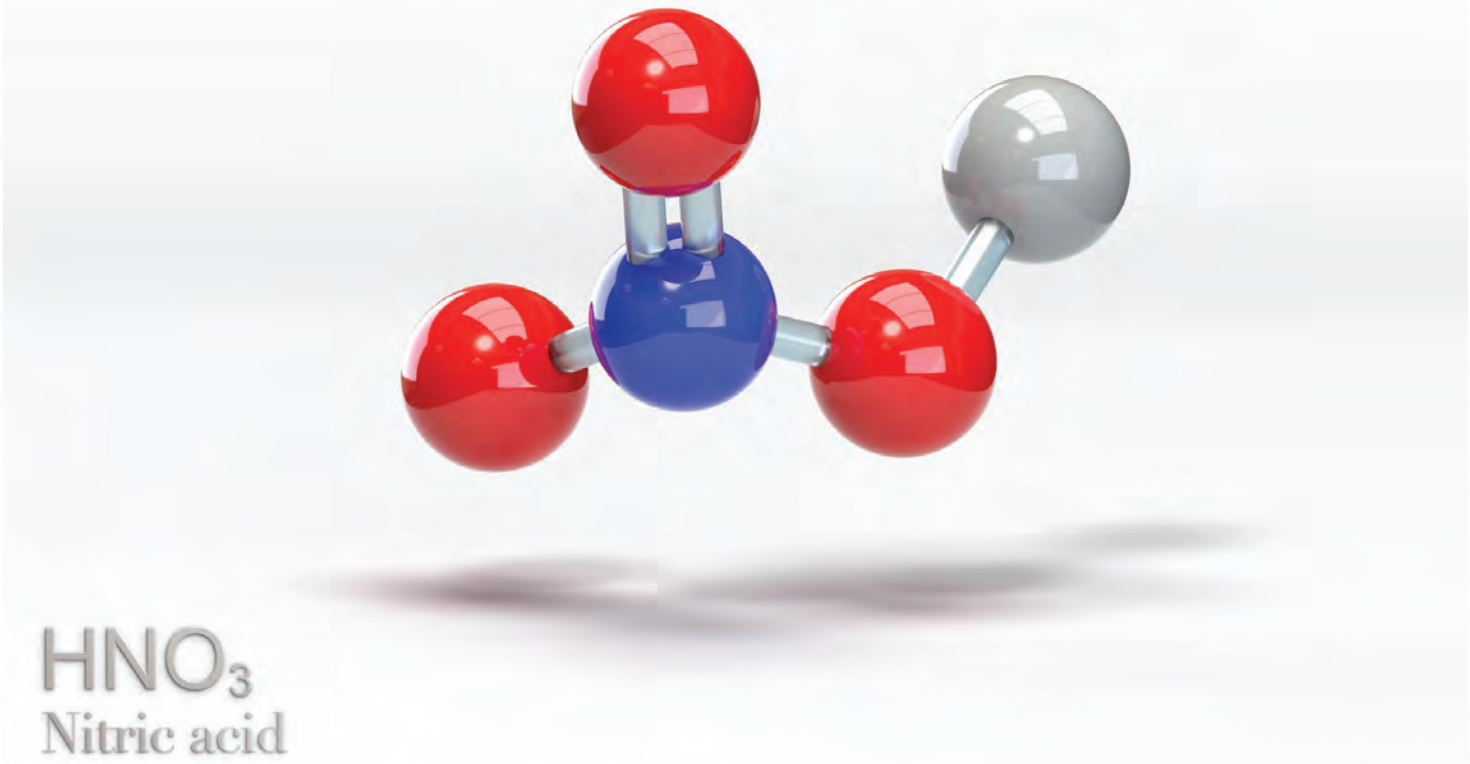
- 35 kgs HDPE Jerry Can / Carboys
- 710 HDPE Carboys per 1*20" FCL
- 24.850 MT Per 1*20" FCL

NITRIC ACID 68%

At the outset, we are pleased to introduce The Leela Corporation as one of the renowned Suppliers of Nitric Acid 68% based in Gujarat, India that facilitates Nitric Acid 68%. We can provide enough quantity for your requirements as we have manufacturing production facilities of up to 2000 MTS/Month.

Product: Nitric Acid

Material Acidity: 68% Min



PRODUCT IDENTIFICATIONS:

Nitric acid (HN03), also known as aqua fortis (Latin for "strong water") and spirit of niter, is a highly corrosive mineral acid.

CAS No: 7697-37-2

HS Code: 28080010

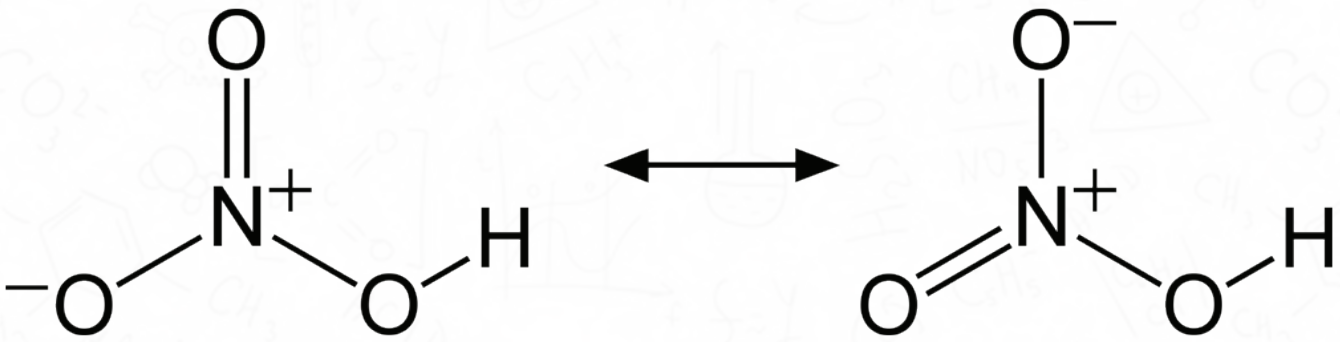
Sub Risk: 5.1

Chemical Formula: $HN0_3$

UN No: UN2031

Packing Group: II

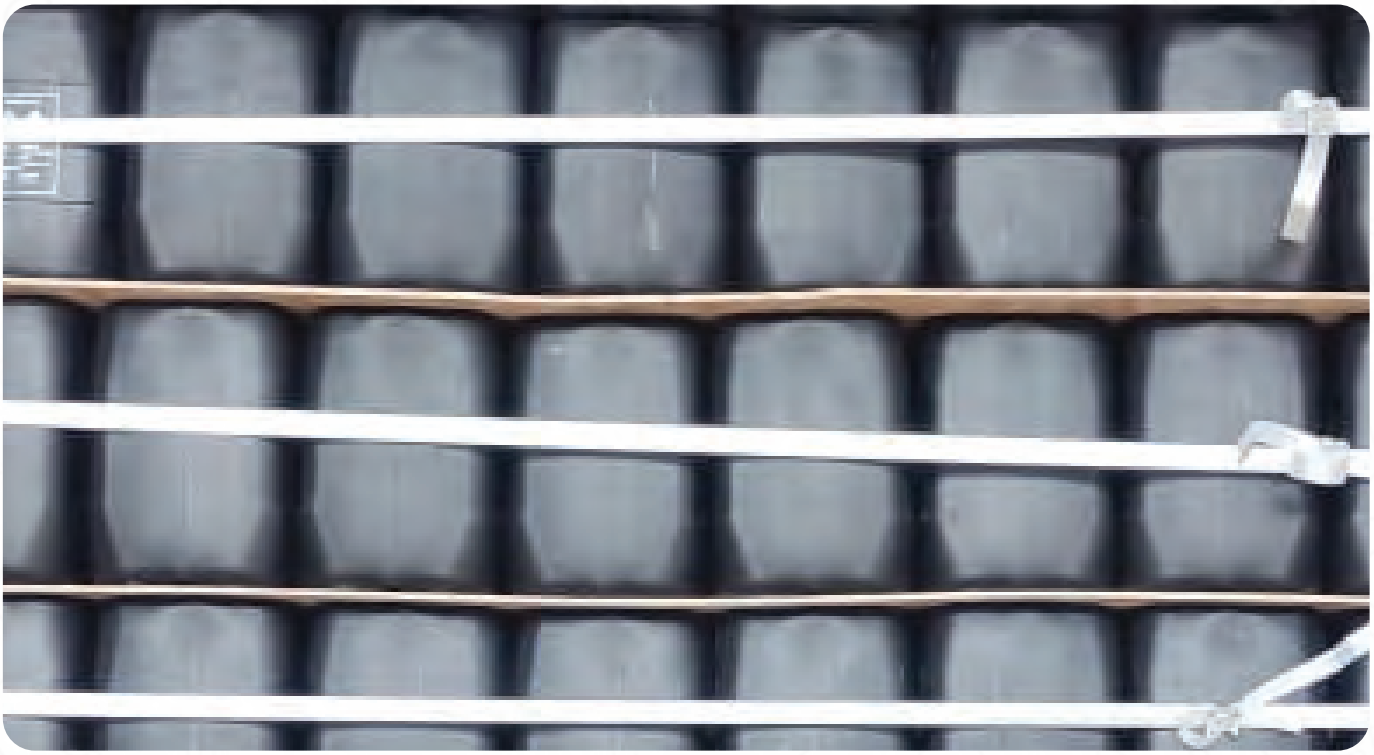
Class: 8



PACKAGING:

HDPE CARBOYS/JERRY CAN

- 35 Kgs HDPE Carboys/Jerry Can
- 680 HDPE Carboys Per 1*20" FCL
- 23.800 MT Per 1*20" FCL



IBC TANKS

- 1600 Kgs IBC TANK
- 16 IBC TANKS Per 1*20" FCL
- 26.560 MT Per 1*20" FCL

APPLICATION:

- Photo Engraving
- Dyes and Dye Intermediates
- Drugs and Pharmaceuticals
- Pickling of Steel and Metallurgy
- Acrylic Fibre pesticides
- Explosives
- Cellulose Nitrate
- Nitrate Salts
- Photoengraving
- Metallurgy
- Etching Steel
- Ore floatation
- Preparation of Nitro Compounds
- Oxidizer in liquid propellants

PHOSPHORIC ACID 85% MIN (FOOD GRADE)

At the outset, we are pleased to introduce The Leela Corporation as one of the renowned Suppliers of Phosphoric Acid based in Gujarat, India that facilitates Phosphoric Acid. We can provide enough quantity for your requirements as we have manufacturing production facilities of up to 2000 MTS/Month.

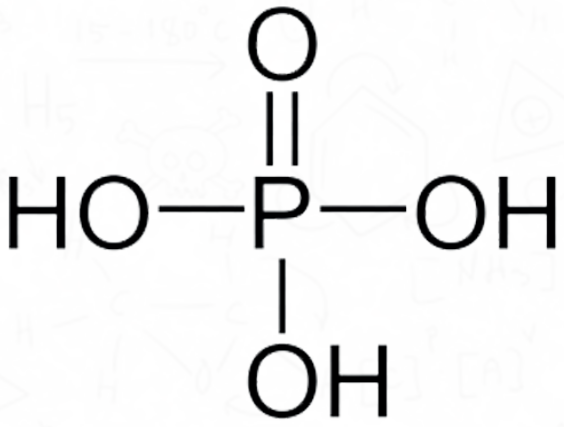
Product: Phosphoric Acid

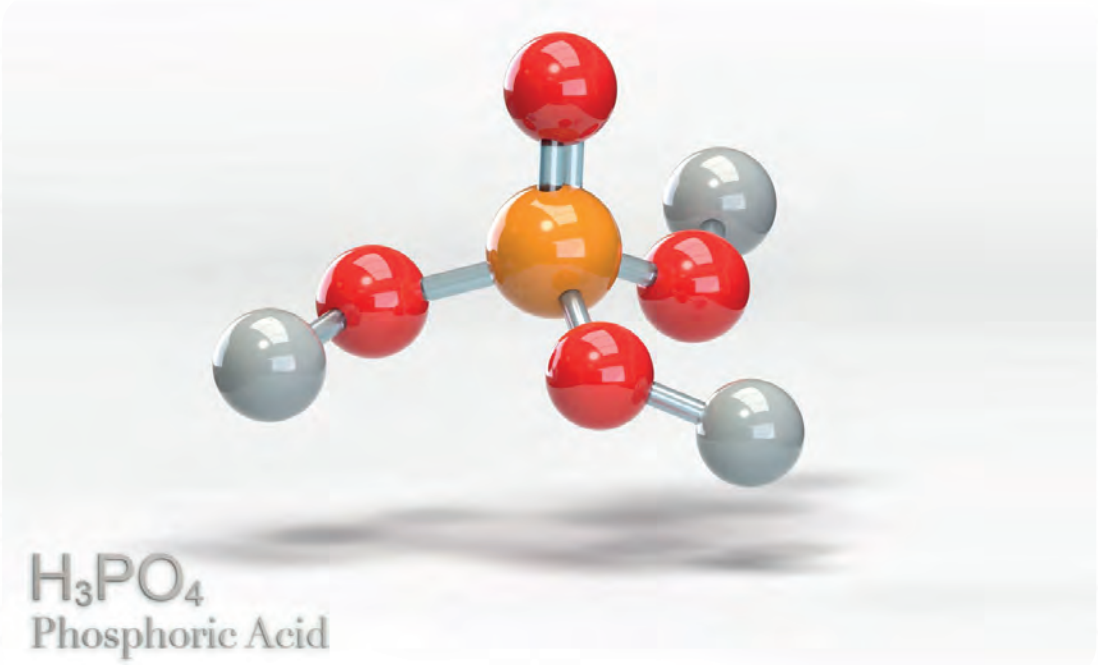
Material Acidity: 85% MIN.

PRODUCT IDENTIFICATIONS:

Phosphoric acid (orthophosphoric acid, monophosphoric acid or phosphoric(V) acid) is an inorganic compound with the chemical formula H3PO4. Phosphoric acid is a colorless solid. It is commonly encountered as an 85% aqueous solution, which is a colourless, odourless, and non-volatile syrupy liquid. It is major industrial chemical, being a component of many fertiers.

- CAS No: 7664-38-2
- HS Code: 28092010
- UN No: UN 1805
- Packing Group: III
- Class: 8





PACKAGING:

HDPE JERRY CAN / CARBOYS

- 35 kgs HDPE Jerry Can / Carboys
- 755 HDPE Carboys Per 1X20" FCL
- 26.425 MT Per 1X20" FCL

IBC TANKS

- 1455 kgs IBC TANK
- 18 IBC TANKS Per 1X20" FCL
- 26.100 MT Per 1X20" FCL

FERRIC CHLORIDE SOLUTION:

PRODUCTION CAPACITY AND SALES MESSAGE

With a production capacity of over 30,000 tons per annum of Ferric Chloride Solution, TLC is the leading manufaturer in the country. The entire production facility is designed and running so as to deliver the product keeping a track and control for the following:

- Cost Effectiveness
- Best Quality Product
- Timely Delivery

USES AND APPLICATION :

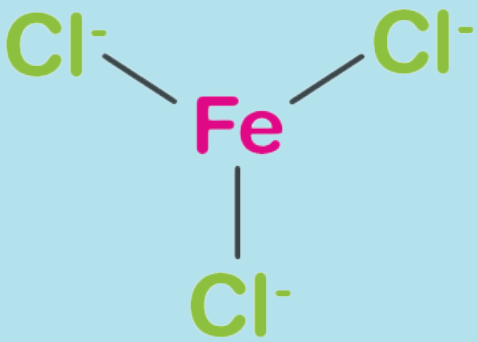
The areas where TLC Ferric Chloride can be put to use include:

1. Water Treatment
2. Printed Circuit Board Manufacturing
3. For making Ethlyne-Di-Chloride
4. As an etching agent for photo engraving
5. To produce decorative surface on ceramics
6. In manufacture of glycerin

7. As a catalyst, mordant, oxidising, chlorinating and condensing agent
8. Making of Purssian Blue Pigment
9. Alkylation of Benzene
10. Other areas like disinfectant, pigment and cattle feed additive, slaughter houses, Fish meal factories etc.

- CAS NO. : 7705-08-0
- SYSTEMATIC NAME : Ferric Chloride
- OTHER NAME : Iron (III) Chloride, Iron tri Chloride
- EMPIRICAL FORMULA : FeCl3
- MOLECULAR WT : 162.2 g/mol
- APPEARANCE : Dark brown liquid

FERRIC CHLORIDE LIQUID STRUCTURE



SPECIFICATIONS :

Ferric Chloride (as Fecl3)	40.00- 42.00% min
Specific gravity	1.42 – 1.46 min
Insoluble matter	0.05 % max
Free Acid (as HCL)	0.02 % max
Free Chlorine (as Cl)	0.01 % max
Ferrous Salts (as Fecl2)	0.10 % max
Sulphates (as SO4)	0.30 % max
Nitrates (as NO3)	0.05 % max
Copper (as Cu)	0.015 % max
Zinc (as Zn)	0.01 % max
Arsenic (as As2O3)	0.0002 % max
Alkalis and Alkaline earths	0.20 % max

PACKING :

- 50 KG HDPE Jerry cans
- 300 KG HDPE Drum
- 1450 KG IBC Tanks

SODIUM SILICATE (2.2/3.2)

TLC offers the most comprehensive selection of sodium silicate products in the industry, including liquids of various alkalinity and viscosity, hydrated and anhydrous powders, and solid glass lumps.

TLC is in a unique position to assist our global customers in achieving success due to its comprehensive expertise of silicate chemistry. We will assist you in locating the optimal product for your application. Whether your application is conventional or novel, our chemists, engineers, and account managers will collaborate with you from bench-scale development to full-scale production, including storage, handling, and maintenance support.In fact, whenever you construct a home, launder your clothes.

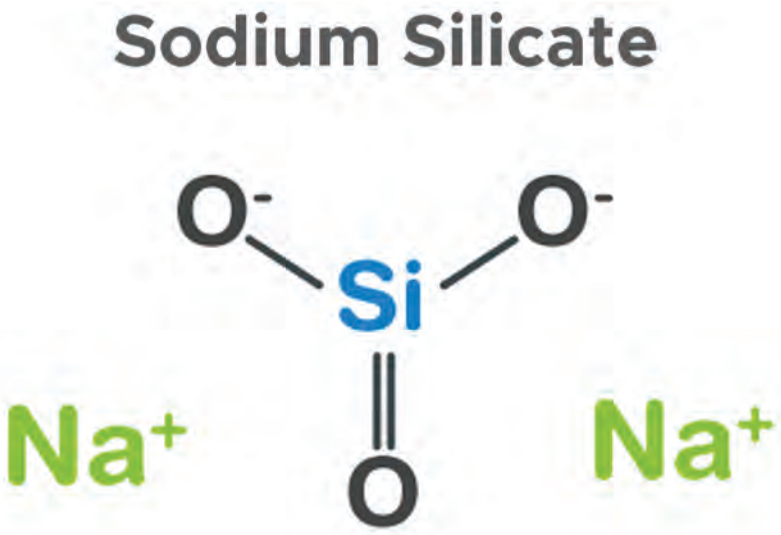
PRODUCT IDENTIFICATIONS:

Sodium silicates are colorless glassy or crystalline solids, or white powders. Except for the most silicon-rich ones, they are readily soluble in water, producing alkaline solutions. Sodium silicates are stable in neutral and alkaline solutions.

CAS No: 1344-09-8

HS Code: 28391900

Chemical Formula: Na_2SiO_3



APPLICATION :

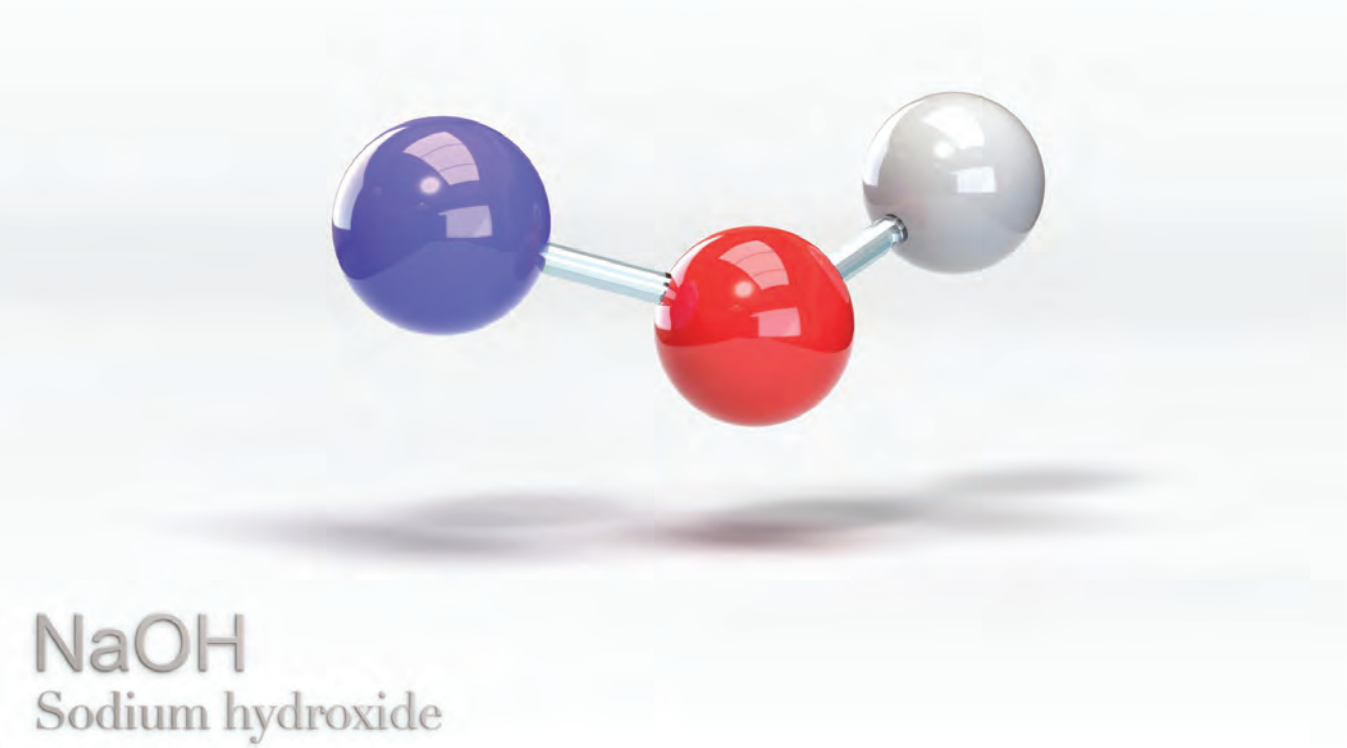
- Detergent and soap
- Cleaning compounds
- Pulp and paper
- Paper board
- Building products/construction
- Textiles, ceramics
- Petroleum processing
- Metal casting and water treatment

USES :

- Sodium silicate is used in wastewater treatment plants as an iron flocculant and an alum coagulant.
- It is used as hand-dyeing as a fixative.
- It is used in Pottery.
- It is widely used in food preservation, homebrewing, and aquaculture.

CAUSTIC SODA LYE

Caustic soda lye is one of the common names for sodium hydroxide (NaOH), which is also known as lye. Its common name derives from its chemical identity as a sodium hydrate and because it is caustic or corrosive. In pure form, caustic soda is **a waxy, white solid.** It readily absorbs water and forms aqueous solutions.



SPECIFICATION :

Sr. Characteristic	Specification
1. Sodium Hydroxide (as NaOH)	%47.00 min
2. Sodium Carbonate (as Na2C03)	%00.40 max
3. Chloride (as Cl)	%0.015 max
4. Iron (as Fe+++) on 100% Basis	ppm 20.00 max

PACKAGING :

Caustic Soda Lye 48% min:

Caustic Soda Lye 48% min in 300 Kgs HDPE drums 80 drums per 1x20"

FCL -24.000 MT unpalletized with 9 mm ply board

Caustic Soda Lye 48% min in 1500 kgs IBC tank 18 IBC tank per 1x20"

FCL -27.000 MT with composite pallet

Caustic Soda Lye 32% min:

Caustic Soda Lye 32% min in 300 Kgs HDPE drums 80 drums per 1x20"

FCL -24.000 MT unpalletized with 9 mm ply board

Caustic Soda Lye 32% min in 1400 kgs IBC tank 18 IBC tank per 1x20" FCL

-25.200 MT with composite pallet

- 300 kg Drum & 1400 kg IBC.

APPLICATION :

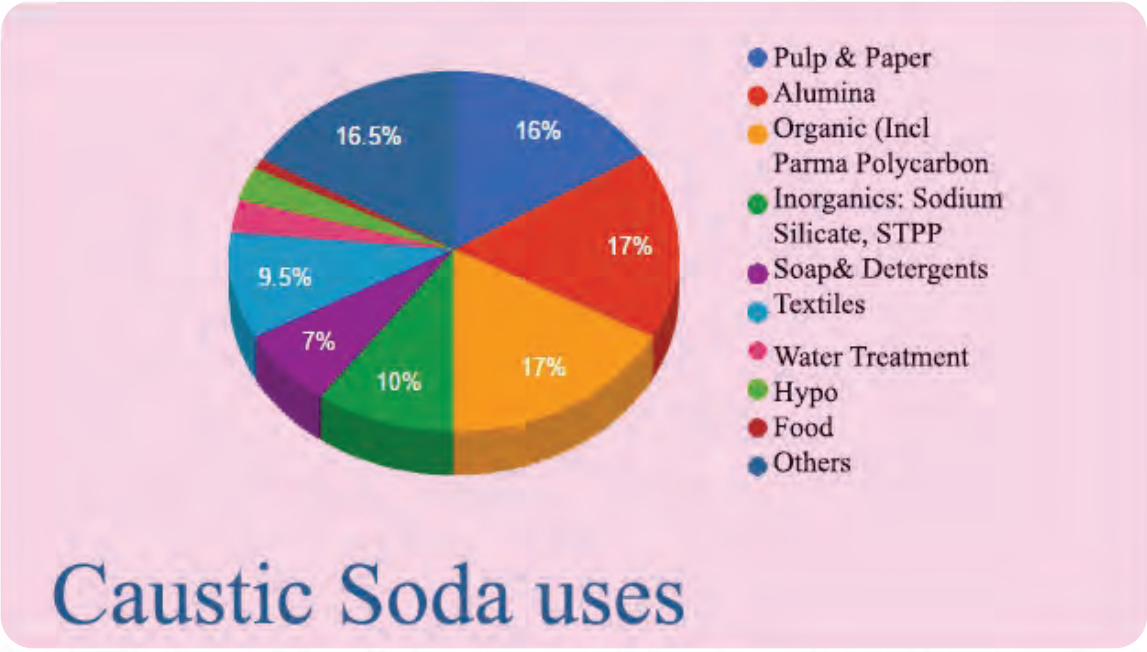
- Pulp & Paper
- Textiles
- Soaps and Detergents
- Petroleum Products
- Aluminum Metal
- Chemical Process
- Bleach Manufacturing

ADVANTAGES :

- TLC Caustic Soda Lye is stable even at high tempera tures.
- QCD is equipped with most modern instruments to analyze special test on request.

EXCLUSIVE FEATURES :

Mercury Free



CAUSTIC SODA FLAKES (NAOH)

We are always the first and do...

At TLC, We bring the premium quality products manufactured by the state-of-the-art technologies. Caustic soda Flakes is manufactured from Castic soda Lye produced by Membrane Cell Technology of UHDE, Germany.

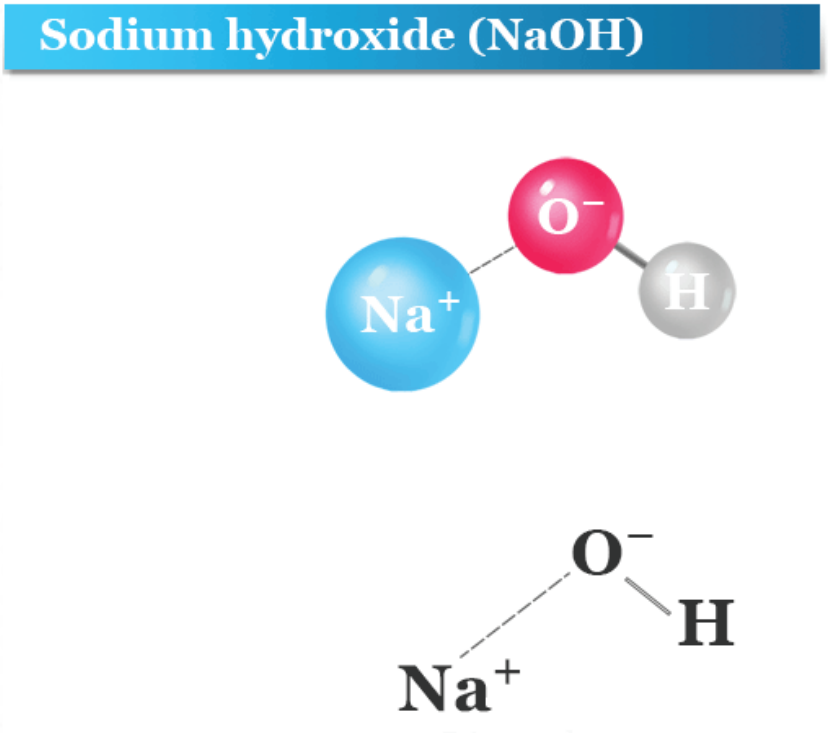
EXCLUSIVE FEATURES

- High purity Caustic Soda
- Free flowing white deliquescent pieces

APPLICATION

Major Consuming Industries

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



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ADVANTAGES:

- Dissolves gradually in water

  Easy to handle

- QCD is equipped with most modern instrument to analyze special test

  on request.

PACKING:

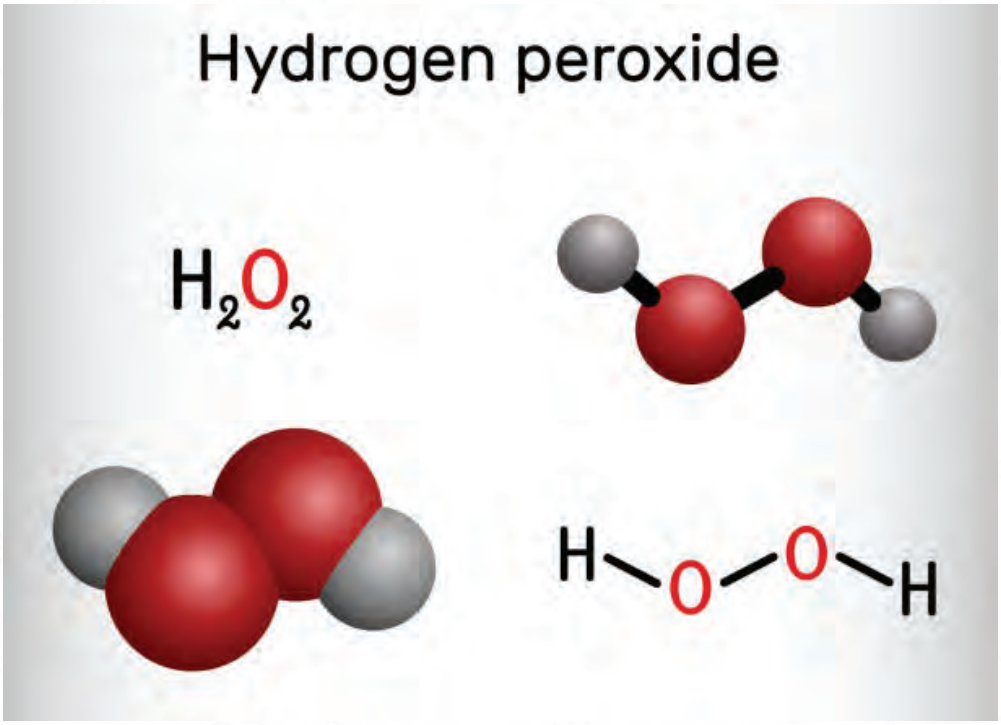
- 25/50 kg HDPE bags with inner HM-HDPE liner

SPECIFICATIONS :

Sr. Characteristic	Specifications
1. Sodium Hydroxide (as NaoH) Dry basis	% 99.50 min
2. Sodium Carbonate (as Na2C03)	% 00.40 max
3. Chloride (as Cl-)	% 0.03 max
4. Iron (as Fe+++)	ppm 20.00 max

HYDROGEN PEROXIDE:

Hydrogen peroxide is a colorless liquid at room temperature with a bitter taste. Small amounts of gaseous hydrogen peroxide occur naturally in the air. Hydrogen peroxide is unstable, decomposing readily to oxygen and water with release of heat.



SPECIFICATION:

Sr. Characteristic	Specification
1 . Sodium Hydroxide (as NaOH) Dry Basis	% 99.50 min
2. Sodium Carbonate (as NA2C03)	% 00.40 max
3. Chloride (as CL-)	% 0.03 max
4. Iron (as Fe+++)	ppm 20.00 max

PACKAGING:

For the 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-HDP Carboys

HYPO 50 (Hydrogen Peroxide 50%):

- Hydrogen Peroxide 50% in 250 Kgs HDPE drums 80 drums per 1x20"

  FCL -20.000 MT unpalletized with 9 mm ply board

- Hydrogen Peroxide 50% in 1200 kgs IBC tank 20 IBC tank per 1x20"

  FCL -24.000 MT with composite pallet

HYPO 35 (Hydrogen Peroxide 35):

- Hydrogen Peroxide 35% min in 250 Kgs HDPE drums 80 drums per1x20" FCL -20.000 MT unpalletized with 9 mm ply board
- Hydrogen Peroxide 35% min in 1200 kgs IBC tank 20 IBC tank per 1x20" FCL -24.000 MT with composite pallet

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, Dyestuff 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

EXCLUSIVE FEATURES

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

SODA ASH LIGHT (NA2C03)

HS Code : 28362020 1 CAS NO. : 497-19-8

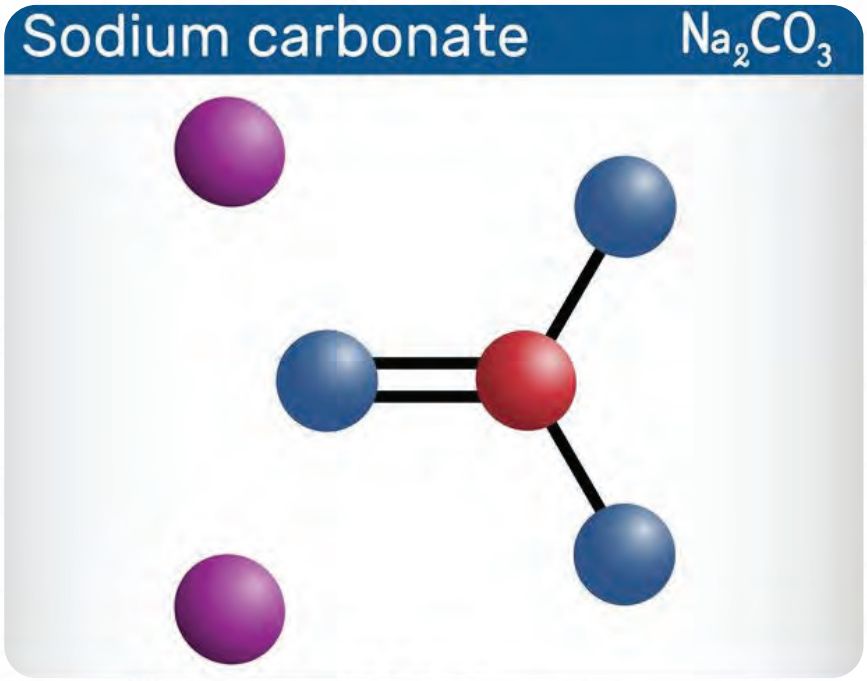
Chemical Formula: NA2C03

Natural soda Ash is an alkali chemical refined from trona ore, and it is also known as sodium carbonate or Soda carbonate. Soda ash is a non-toxic, non-flammable and incombustible chemical, and it comes in an odorless powder form. It is accessible in three distinct grades, which are washing soda, light soda ash, and dense soda ash.

Chemical properties are the same for all three only physical characteristics are different. Dense soda ash is mostly used in the manufacturing of industrial chemicals, light soda ash is used as a pH regulator in various industrial processes and washing soda is utilized in washing detergents and soaps to upgrade their cleaning abilities.

The trade name for soda ash (Na2C03) is a white, powdered, anhydrous material. Soda ash is used in the manufacturing of detergents, glass, and other industrial products.

While manufacturing Soda Ash light, other byproducts also produce caustic soda, sodium tripolyphosphate, sodium sulfite, and sodium bicarbonate.



APPLICATION & USAGE:

- In the detergent manufacturing industry, soda ash light is used to manufacture high-grade detergent powder. It makes detergents and soaps smoother surface.
- In the glass manufacturing industry, soda ash is used to produce glass containers, fiber glass insulation, and many others, soda ash is required because it decreases the melting point of silica.
- Soda ash light(NA2C03) is used for dying clothes, clean air, to soften water and also as a fertilizer.
- Use of soda ash is to maintain the pH level in a swimming pool, it increases the alkaline level which maintains pH.
- In the food industry, use of soda ash as an acidity regulator, stabilizer and raising agent.
- In a brick manufacturing company, use of soda ash as a wetting

- Soda ash light is also used to produce other chemicals like sodium silicate, sodium bicarbonate, and sodium chromate.
- Soda ash is also used in different industries like pulp and paper manufacturing, water treatment, effluent treatment, metallurgy and

PACKING:

- 25 kg, 50 kg, 750 kg, 1000 kg Bag

AQUEOUS AMMONIA (LIQUOR AMMONIA)

Liquor Ammonia conforms to IS : 799 - 1985

Ammonia in Water, commonly known as Aqua Ammonia renders it safe to handle and helps avoid the hazards that accompany use of Ammonia Gas by greatly reducing its vapour pressure. Also known as Ammoniacal Liquor, it is an inorganic chemical used as a liquid chemical in various industries like Rubber, Pharmaceuticals among others. Sometimes called Ammonium Hydroxide, the chemical formula is NH40H with UN No. 2672 and CAS registry is 1336-21-6.

Commonly manufactured with a concentration of about 25% w/w, Ammonia Hydroxide Solution is supplied in varying Packaging capacities ranging from 5 Lt. To 235 Lt. ISO Tankers.

AQUEOUS AMMONIA - SPECIFICATIONS

Aqueous Ammonia Solution (Ammonium Hydroxide)

Description	A Clear Colorless Liquid Odor Strongly Pungent & Characteristic
Solubility	Mixable with water in all Proportions
Identifications	I.P.Identification test for ammonia positive
Residue On Evaporation	0.0068 0/0
Specific Gravity @ 25 c	0.905 gms
Chloride (AS CL)	Less than 0.0005 %
Sulphate (AS S04)	Less than 0.0002 0/6
Iron (AS Fe)	Less than 0.00002 0/6
Carbonate (AS C03)	Less than 0.002 %
Assay	Contents of Ammonia i.e NH3 = 25 % @ 27 C Contents of Water 75 %

AQUEOUS AMMONIA - APPLICATIONS

- Rubber
- Leather
- Plastics
- Food & Beverage
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