Baray Bhai Chemicals

TRADING PETROCHEMICALS SINCE 1948

Product catalogue
81 industrial chemicals

One of Pakistan's largest chemical stockists and traders, importing and supplying chemicals and polymers for paint and coatings, soap and detergents, plastics, adhesives and textiles since 1948.

- **Solvents and alcohols**
  15 products
- **Acids, bases and salts**
  16 products
- **Food, pharma and additives**
  9 products
- **Monomers, resins and plastics**
  11 products
- **Surfactants and glycols**
  12 products
- **Industrial intermediates and others**
  18 products

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Solvents and alcohols

15 products

Used in paints and coatings, printing inks, adhesives and cleaning products.

Methanol FLAMMABLE TOXIC

CAS **67-56-1** · HS **2905.11** · CH_3OH · Clear, colourless liquid

Methanol is the simplest alcohol. It is a fast-evaporating solvent and a basic raw material for formaldehyde, resins and many other chemicals.

- Solvent and thinner for paints, inks and coatings
- Raw material for formaldehyde and resins
- Windscreen washer fluid and antifreeze
- Cleaning and degreasing

Packing: 200 L steel drums, 1,000 L IBC tanks, Bulk road tankers

Isopropyl Alcohol (IPA: 99.9%, 98.5%, 96%, 85%) FLAMMABLE

CAS **67-63-0** · HS **2905.12** · C_3H_8O · Clear, colourless liquid · Grades: **99.9%, 98.5%, 96%, 85%**

Isopropyl alcohol (IPA) is a fast-drying alcohol solvent used for cleaning, disinfection and in inks and coatings. We stock it in four strengths.

- Hand sanitisers and disinfectants
- Cleaning electronics, glass and metal parts
- Printing inks, especially flexo and gravure
- Pharmaceutical and cosmetic formulations

Packing: 200 L steel drums, 1,000 L IBC tanks

Methylene Chloride (MC)

CAS **75-09-2** · HS **2903.12** · CH_2Cl_2 · Clear, colourless, volatile liquid

Methylene chloride (dichloromethane, MC) is a strong, fast-evaporating chlorinated solvent that does not burn easily.

- Paint strippers and removers
- Blowing agent for polyurethane foam
- Pharmaceutical process and extraction solvent
- Metal cleaning and degreasing

Packing: 200 L steel drums (about 270 kg), 1,000 L IBC tanks

Ethyl Acetate (Local) FLAMMABLE

CAS **141-78-6** · HS **2915.31** · $C_4H_8O_2$ · Clear, colourless liquid with a fruity smell

Ethyl acetate is a fast-evaporating ester solvent with a mild smell, widely used in flexible packaging inks and adhesives. Locally produced.

- Flexible packaging printing inks
- Laminating and other adhesives
- Nail polish and nail polish remover
- Coatings, lacquers and thinners

Packing: 200 L steel drums, 1,000 L IBC tanks, Bulk road tankers

Butyl Acetate (Local) FLAMMABLE

CAS **123-86-4** · HS **2915.33** · $C_6H_{12}O_2$ · Clear, colourless liquid

n-Butyl acetate is a medium-evaporating ester solvent that gives good flow and gloss in coatings. Locally produced.

- Automotive and industrial paints
- Nitrocellulose lacquers and thinners
- Wood coatings
- Printing inks

Packing: 200 L steel drums, 1,000 L IBC tanks

Methyl Acetate FLAMMABLE

CAS **79-20-9** · HS **2915.39** · $C_3H_6O_2$ · Clear, colourless liquid

Methyl acetate is a very fast-evaporating ester solvent, often used as an alternative to acetone.

- Fast-drying coatings and lacquers
- Adhesives and glues
- Paint and nail polish removers
- Printing inks

Packing: 200 L steel drums

Isobutanol FLAMMABLE

CAS **78-83-1** · HS **2905.14** · $C_4H_{10}O$ · Clear, colourless liquid

Isobutanol is a four-carbon alcohol used as a solvent and as a raw material for esters and plasticisers.

- Paint and coating solvent
- Raw material for isobutyl acetate and other esters
- Printing inks
- Adhesives

Packing: 200 L steel drums, 1,000 L IBC tanks

n-Butanol FLAMMABLE

CAS **71-36-3** · HS **2905.13** · $C_4H_{10}O$ · Clear, colourless liquid

n-Butanol is a slow-evaporating alcohol solvent and the main raw material for butyl acrylate and butyl acetate.

- Raw material for butyl acrylate and butyl acetate
- Paints, lacquers and thinners
- Amino resins in coatings
- Printing inks

Packing: 200 L steel drums, 1,000 L IBC tanks

n-Propyl Alcohol (NPA) FLAMMABLE

CAS **71-23-8** · HS **2905.12** · C_3H_8O · Clear, colourless liquid

n-Propyl alcohol (NPA) is a fast-drying alcohol solvent, popular in flexo and gravure printing inks.

- Flexo and gravure printing inks
- Coatings
- Cleaning and disinfecting products
- Cosmetics

Packing: 200 L steel drums, 1,000 L IBC tanks

Cyclohexanone FLAMMABLE

CAS **108-94-1** · HS **2914.22** · $C_6H_{10}O$ · Clear to pale yellow liquid

Cyclohexanone is a slow-evaporating ketone solvent that dissolves PVC and many resins well.

- PVC adhesives and solvent cements
- Printing inks for PVC and plastics
- Paints, lacquers and varnishes
- Pesticide formulations

Packing: 200 L steel drums

Diacetone Alcohol (DAA) FLAMMABLE

CAS **123-42-2** · HS **2914.40** · $C_6H_{12}O_2$ · Clear, colourless liquid

Diacetone alcohol (DAA) is a slow-evaporating solvent that improves flow and gloss and stops blushing in coatings.

- Nitrocellulose and other lacquers
- Wood stains
- Printing inks
- Cleaning compounds

Packing: 200 L steel drums

White Spirit FLAMMABLE

CAS **8052-41-3** · HS **2710.12** · Mixed aliphatic hydrocarbons · Clear, colourless liquid

White spirit (mineral turpentine) is a low-cost petroleum solvent and the standard thinner for oil-based paints.

- Thinner for enamel and oil-based paints
- Alkyd paints and varnishes
- Cleaning brushes and tools
- Metal degreasing

Packing: 200 L steel drums, Bulk road tankers

Xylene FLAMMABLE

CAS **1330-20-7** · HS **2902.44** · C_8H_{10} · Clear, colourless liquid

Xylene is an aromatic solvent with strong dissolving power and a moderate drying rate, widely used in paints and coatings.

- Paints, enamels and coatings
- Thinners
- Pesticide formulations
- Rubber and adhesives

Packing: 200 L steel drums, Bulk road tankers

Tetrahydrofuran (THF) FLAMMABLE

CAS **109-99-9** · HS **2932.11** · C_4H_8O · Clear, colourless liquid

Tetrahydrofuran (THF) is a strong ether solvent that dissolves PVC and many polymers.

- PVC pipe solvent cements and adhesives
- Pharmaceutical synthesis
- Polymer and resin processing
- Coatings and printing inks

Packing: 200 L steel drums

n-Propyl Alcohol (NPA), Technical Grade

FLAMMABLE

CAS **71-23-8** · HS **2905.12** · C_3H_8O · Clear, colourless liquid · Grades: **Technical**

Technical grade n-propyl alcohol for industrial uses where top purity is not needed, such as inks and cleaning.

- Printing inks
- Industrial cleaning
- Thinners and coatings
- Process solvent

Packing: 200 L steel drums

Monomers, resins and plastics

11 products

Used in paints, adhesives, plastics and polymer manufacturing.

Styrene Monomer FLAMMABLE

CAS **100-42-5** · HS **2902.50** · C_8H_8 · Clear, colourless liquid

Styrene monomer is the building block for polystyrene, polyester resins and many copolymers.

- Unsaturated polyester resins and fibreglass
- Polystyrene and ABS plastics
- Styrene-acrylic emulsions for paints
- SBR rubber and latex

Packing: 200 L steel drums, 1,000 L IBC tanks, Bulk road tankers

Butyl Acrylate Monomer FLAMMABLE

CAS **141-32-2** · HS **2916.12** · $C_7H_{12}O_2$ · Clear, colourless liquid

Butyl acrylate is a monomer that gives softness and flexibility to acrylic polymers.

- Acrylic emulsions for paints
- Pressure-sensitive adhesives and tapes
- Textile and leather finishes
- Paper coatings

Packing: 200 L steel drums, 1,000 L IBC tanks, Bulk road tankers

Vinyl Acetate Monomer (VAM) FLAMMABLE

CAS **108-05-4** · HS **2915.32** · $C_4H_6O_2$ · Clear, colourless liquid

Vinyl acetate monomer (VAM) is the main raw material for PVA emulsions, white glues and polyvinyl alcohol.

- Polyvinyl acetate (PVA) emulsions and wood glue
- Emulsion paints
- Polyvinyl alcohol and EVA
- Paper and textile coatings

Packing: 200 L steel drums, 1,000 L IBC tanks, Bulk road tankers

Methyl Methacrylate (MMA) FLAMMABLE

CAS **80-62-6** · HS **2916.14** · $C_5H_8O_2$ · Clear, colourless liquid

Methyl methacrylate (MMA) is the monomer for acrylic sheet (PMMA) and hard acrylic resins.

- Acrylic sheet and PMMA
- Acrylic emulsions and paints
- Dental and medical materials
- Adhesives and sealants

Packing: 200 L steel drums, 1,000 L IBC tanks

2-Ethylhexyl Acrylate (2EHA)

CAS **103-11-7** · HS **2916.12** · $C_{11}H_{20}O_2$ · Clear, colourless liquid

2-Ethylhexyl acrylate (2EHA) is a soft monomer used to make tacky, flexible acrylic polymers.

- Pressure-sensitive adhesives and labels
- Acrylic emulsions for paints
- Textile finishes
- Sealants

Packing: 200 L steel drums, 1,000 L IBC tanks

PVA Bond (Taiwan)

HS **3905.12** · Ask us for the current grade

PVA-based bonding material from Taiwan, used to make white glues and adhesives. Tell us your application and we confirm the grade we have in stock.

- Wood glue and white glue
- Paper and packaging adhesives
- Bookbinding
- Construction adhesives

Packing: 25 kg bags, Drums, depending on grade

PVA BP-26

CAS **9002-89-5** · HS **3905.30** · $(C_2H_4O)_n$ · White to off-white granules or powder

BP-26 is a partly hydrolysed polyvinyl alcohol (PVA) grade from Taiwan. It dissolves in hot water and is used in adhesives, sizing and emulsions.

- Paper and packaging adhesives
- Textile warp sizing
- Protective colloid for PVA and VAE emulsions
- Paper coating

Packing: 25 kg bags

EVA Glue (Taiwan/China)

CAS **24937-78-8** · HS **3905.21** · Vinyl acetate-ethylene (VAE) copolymer emulsion · Milky white liquid emulsion

EVA glue, as it is called in Pakistan, is a water-based vinyl acetate-ethylene (VAE) emulsion. It bonds paper, board, plastic film and wood, and is a base for making many water-based adhesives.

- Paper and packaging adhesives
- Paper-to-plastic film lamination
- Carton and box sealing
- Bookbinding

Packing: Drums of about 200 kg, 1,000 L IBC tanks

Gum Rosin (Indonesia/Argentina)

CAS **8050-09-7** · HS **3806.10** · Mainly abietic-type resin acids · Pale yellow to amber glassy solid · Grades: **WW, WG, X**

Gum rosin is a natural resin from pine trees, used for tack in adhesives and as a base for resins, inks and soaps.

- Hot-melt and pressure-sensitive adhesives
- Printing ink resins
- Paper sizing
- Soap making

Packing: 25 kg bags, Drums of about 225 kg

Phthalic Anhydride CORROSIVE

CAS **85-44-9** · HS **2917.35** · $C_8H_4O_3$ · White flakes

Phthalic anhydride is the main raw material for alkyd resins, plasticisers like DOP, and unsaturated polyester resins.

- Alkyd resins for paints
- Plasticisers such as DOP
- Unsaturated polyester resins
- Dyes and pigments

Packing: 25 kg bags, 1,000 kg jumbo bags

Maleic Anhydride CORROSIVE

CAS **108-31-6** · HS **2917.14** · $C_4H_2O_3$ · White briquettes or flakes

Maleic anhydride is used to make unsaturated polyester resins, alkyds and many chemical intermediates.

- Unsaturated polyester resins
- Alkyd and maleic resins
- Lubricant and oil additives
- Paper sizing agents

Packing: 25 kg bags

Acids, bases and salts

16 products

Used in detergents, textiles, food and general chemical processing.

Glacial Acetic Acid

CORROSIVE · FLAMMABLE

CAS **64-19-7** · HS **2915.21** · CH_3COOH · Clear, colourless liquid with a sharp smell

Glacial acetic acid is almost water-free acetic acid. It is used across textiles, chemicals and food.

- Textile dyeing and pH control
- Vinyl acetate and acetate esters
- Purified terephthalic acid (PTA)
- Vinegar and food acidulant (food grade)

Packing: 200 L steel drums, 1,000 L IBC tanks, Bulk road tankers

Glacial Acrylic Acid

CORROSIVE · FLAMMABLE

CAS **79-10-7** · HS **2916.11** · $C_3H_4O_2$ · Clear, colourless liquid

Glacial acrylic acid is the base monomer for acrylic polymers, superabsorbents and acrylic esters.

- Acrylic emulsions and paints
- Superabsorbent polymers
- Water treatment polymers
- Adhesives and sealants

Packing: 200 L steel drums, 1,000 L IBC tanks

Benzoic Acid (BP/Technical)

CAS **65-85-0** · HS **2916.31** · $C_7H_6O_2$ · White crystals or flakes · Grades: **BP, Technical**

Benzoic acid is a preservative and a raw material for sodium benzoate, resins and plasticisers.

- Preservative in food and drinks (BP grade)
- Sodium benzoate production
- Alkyd resins
- Pharmaceuticals and ointments

Packing: 25 kg bags

Boric Acid (Turkey/Chile)

CAS **10043-35-3** · HS **2810.00** · H_3BO_3 · White crystals or powder

Boric acid is a mild acid used in glass, ceramics, adhesives and as a fire retardant.

- Glass and fibreglass
- Ceramic glazes and enamels
- Starch adhesives for corrugated board
- Fire retardant for wood and textiles

Packing: 25 kg bags, 1,000 kg jumbo bags

Phosphoric Acid

CORROSIVE

CAS **7664-38-2** · HS **2809.20** · H_3PO_4 · Clear, colourless, syrupy liquid · Grades: **85% technical, 85% food**

Phosphoric acid is a mineral acid used for metal treatment, detergents and food.

- Metal rust removal and phosphating
- Detergents and cleaners
- Soft drinks acidulant (food grade)
- Fertilisers

Packing: 35 kg cans, Drums of about 330 kg, 1,000 L IBC tanks

Citric Acid (Monohydrate/Anhydrous)

CAS **5949-29-1 / 77-92-9** · HS **2918.14** · $C_6H_8O_7$ · White crystalline powder · Grades: **Monohydrate, Anhydrous**

Citric acid is a natural fruit acid used to add sourness, control pH and bind metals in food, drinks and cleaners.

- Food and drinks acidulant
- Detergents and descalers
- Textile processing
- Pharmaceuticals and effervescent tablets

Packing: 25 kg bags, 1,000 kg jumbo bags

Oleic Acid

CAS **112-80-1** · HS **3823.12** · $C_{18}H_{34}O_2$ · Pale yellow to brownish oily liquid

Oleic acid is a liquid fatty acid used in soaps, emulsifiers, lubricants and textiles.

- Soaps and detergents
- Emulsifiers and cosmetics
- Textile softeners
- Lubricants and metalworking fluids

Packing: 200 L steel drums, 1,000 L IBC tanks

Stearic Acid TP & DP (NIMIR)

CAS **57-11-4** · HS **3823.11** · $C_{18}H_{36}O_2$ · White beads, flakes or powder · Grades: **Triple pressed (TP), Double pressed (DP)**

Locally made stearic acid from Nimir Industrial Chemicals, one of Pakistan's main oleochemical producers. Triple pressed (TP) is purer and whiter than double pressed (DP).

- Rubber compounding
- PVC and plastics lubricant
- Soaps and candles
- Cosmetics and creams

Packing: 25 kg bags

Stearic Acid TP Slab (China)

CAS **57-11-4** · HS **3823.11** · $C_{18}H_{36}O_2$ · White slabs · Grades: **Triple pressed**

Triple pressed stearic acid in slab form, imported from China.

- Rubber compounding
- Candles
- Soaps
- PVC and plastics lubricant

Packing: 25 kg bags

Potassium Hydroxide (KOH) CORROSIVE

CAS **1310-58-3** · HS **2815.20** · KOH · White flakes

Potassium hydroxide (caustic potash) is a strong alkali used to make soft and liquid soaps and potassium salts.

- Liquid and soft soaps
- Potassium salts and fertilisers
- Alkaline batteries
- Biodiesel catalyst

Packing: 25 kg bags

Soda Ash (Sodium Carbonate)

CAS **497-19-8** · HS **2836.20** · Na_2CO_3 · White powder or granules · Grades: **Light, Dense**

Soda ash is a mild alkali used in glass, detergents, textiles and many chemical processes.

- Glass making
- Detergent and washing powders
- Textile processing and dyeing
- Water softening and treatment

Packing: 50 kg bags, 1,000 kg jumbo bags

Sodium Bicarbonate

CAS **144-55-8** · HS **2836.30** · $NaHCO_3$ · White crystalline powder · Grades: **Food, Technical**

Sodium bicarbonate (baking soda) is a mild alkali used in food, pharma, detergents and fire extinguishers.

- Baking powder and bakery
- Animal feed
- Pharmaceuticals and antacids
- Fire extinguisher powder

Packing: 25 kg bags, 50 kg bags

Caustic Soda (Sodium Hydroxide)

CORROSIVE

CAS **1310-73-2** · HS **2815.11 / 2815.12** · NaOH · White flakes or pearls, also liquid · Grades: **Flakes 98–99%, Liquid**

Caustic soda is a strong alkali used in soap, textiles, paper, aluminium and water treatment.

- Soap and detergent making
- Textile mercerising and scouring
- Paper and pulp
- Water treatment and pH control

Packing: 25 kg bags, Tankers for liquid

Sodium Benzoate

CAS **532-32-1** · HS **2916.31** · $C_7H_5NaO_2$ · White granules or powder

Sodium benzoate is a common preservative for acidic foods, drinks and personal care products.

- Preservative in drinks, sauces and pickles
- Pharmaceutical syrups
- Cosmetics and toiletries
- Corrosion inhibitor

Packing: 25 kg bags

Sodium Citrate

CAS **6132-04-3** · HS **2918.15** · $Na_3C_6H_5O_7 \cdot 2H_2O$ · White crystalline granules

Sodium citrate is a buffer and emulsifying salt used in food, drinks, detergents and pharma.

- Food and drinks buffer and flavour
- Processed cheese
- Detergents (phosphate-free)
- Pharmaceuticals

Packing: 25 kg bags

Malic Acid

CAS **6915-15-7** · HS **2918.19** · $C_4H_6O_5$ · White crystalline powder

Malic acid is a fruit acid with a smooth, lasting sourness, used in drinks, sweets and food.

- Soft drinks and juices
- Confectionery and sour candy
- Jams, jellies and desserts
- Pharmaceuticals and effervescent tablets

Packing: 25 kg bags

Surfactants and glycols

12 products

Used in soap and detergents, textiles, antifreeze and resins.

Sodium Lauryl Sulfate (SLS)

CAS **151-21-3** · HS **3402.39** · $C_{12}H_{25}NaO_4S$ · White needles or powder

Sodium lauryl sulfate (SLS) is a strong foaming surfactant used in cleaners, toothpaste and personal care.

- Toothpaste
- Shampoos and body wash
- Detergent powders and cleaners
- Textile processing

Packing: 25 kg bags

Sodium Lauryl Ether Sulfate (SLES)

CAS **68585-34-2** · HS **3402.39** · Ethoxylated lauryl sulfate, sodium salt · White to pale yellow paste

SLES is the main foaming surfactant in liquid detergents, dishwash and shampoos. Usually supplied as a 70% paste.

- Dishwashing liquids
- Shampoos and body wash
- Liquid detergents
- Hand wash

Packing: Drums of about 170 kg, 1,000 L IBC tanks

Monoethylene Glycol (MEG)

CAS **107-21-1** · HS **2905.31** · $C_2H_6O_2$ · Clear, colourless liquid

Monoethylene glycol (MEG) is used for polyester fibre and PET, antifreeze and resins.

- Polyester fibre and PET
- Antifreeze and coolants
- Unsaturated polyester and alkyd resins
- Heat transfer fluids

Packing: 200 L steel drums, 1,000 L IBC tanks, Bulk road tankers

Diethylene Glycol (DEG)

CAS **111-46-6** · HS **2909.41** · $C_4H_{10}O_3$ · Clear, colourless liquid

Diethylene glycol (DEG) is used in polyester resins, plasticisers, solvents and gas drying.

- Unsaturated polyester resins
- Polyurethane polyols
- Plasticisers
- Natural gas drying

Packing: 200 L steel drums, 1,000 L IBC tanks

Triethylene Glycol (TEG)

CAS **112-27-6** · HS **2909.49** · $C_6H_{14}O_4$ · Clear, colourless liquid

Triethylene glycol (TEG) is a high-boiling glycol used mainly to dry natural gas and as a plasticiser.

- Natural gas dehydration
- Plasticisers for vinyl and safety glass
- Air sanitisers
- Humectant

Packing: 200 L steel drums

Propylene Glycol (PG)

CAS **57-55-6** · HS **2905.32** · $C_3H_8O_2$ · Clear, colourless, odourless liquid · Grades: **USP / pharma, Industrial**

Propylene glycol is a low-toxicity glycol used in food, pharma and cosmetics as well as in resins and antifreeze.

- Pharmaceutical and cosmetic carrier (USP)
- Food flavours and humectant
- Unsaturated polyester resins
- Antifreeze and heat transfer

Packing: 200 L steel drums, 1,000 L IBC tanks

Ethyl Glycol (China/Brazil) FLAMMABLE TOXIC

CAS **110-80-5** · HS **2909.44** · $C_4H_{10}O_2$ · Clear, colourless liquid

Ethyl glycol (2-ethoxyethanol, ethyl cellosolve) is a glycol ether solvent for lacquers, inks and dyes.

- Lacquers and coatings
- Printing inks
- Textile dyeing
- Leather finishing

Packing: 200 L steel drums

Butyl Glycol (BG)

CAS **111-76-2** · HS **2909.43** · $C_6H_{14}O_2$ · Clear, colourless liquid

Butyl glycol (2-butoxyethanol) is a glycol ether solvent used in water-based paints and cleaners.

- Water-based paints and coatings
- Household and industrial cleaners
- Printing inks
- Brake fluids

Packing: 200 L steel drums, 1,000 L IBC tanks

Butyl Diglycol (BDG)

CAS **112-34-5** · HS **2909.43** · $C_8H_{18}O_3$ · Clear, colourless liquid

Butyl diglycol (diethylene glycol monobutyl ether) is a slow-evaporating coalescing solvent.

- Coalescent in emulsion paints
- Printing inks
- Cleaners and degreasers
- Brake fluids

Packing: 200 L steel drums, 1,000 L IBC tanks

Cetyl Stearyl Alcohol

CAS **67762-27-0** · HS **3823.70** · C_{16}–C_{18} fatty alcohols · White waxy flakes or pastilles

Cetostearyl alcohol is a fatty alcohol that thickens and stabilises creams, lotions and hair conditioners.

- Creams and lotions
- Hair conditioners
- Ointments
- Textile softeners

Packing: 25 kg bags

NP-9 (Nonylphenol Ethoxylate)

CAS **127087-87-0** · HS **3402.42** · Nonylphenol ethoxylate, 9 EO · Clear to slightly hazy liquid

NP-9 is a non-ionic surfactant used as a wetting agent, emulsifier and detergent.

- Industrial and institutional cleaners
- Textile scouring and wetting
- Emulsion polymerisation
- Pesticide emulsifiers

Packing: 200 L steel drums, 1,000 L IBC tanks

Soap Noodles

HS **3401.20** · Sodium salts of fatty acids · White to off-white noodles (pellets) · Grades: **80:20, 70:30 and others**

Soap noodles are the base material for making toilet and laundry soap bars. You add perfume, colour and additives, then mill and stamp.

- Toilet soap bars
- Laundry soap bars
- Hotel and guest soaps
- Transparent and specialty soaps

Packing: 25 kg bags

Food, pharma and additives

9 products

Used in food, pharmaceutical and personal care products.

Ascorbic Acid (Vitamin C)

CAS **50-81-7** · HS **2936.27** · $C_6H_8O_6$ · White crystalline powder

Ascorbic acid is vitamin C. It is used as a vitamin, an antioxidant and a flour improver.

- Vitamin supplements and pharma
- Antioxidant in food and drinks
- Flour and bread improver
- Cosmetics and skincare

Packing: 25 kg cartons

Lactose

CAS **64044-51-5** · HS **1702.11** · $C_{12}H_{22}O_{11}·H_2O$ · White crystalline powder · Grades: **Pharma, Food**

Lactose is milk sugar. It is used as a tablet filler in pharma and in food and infant products.

- Tablet and capsule filler
- Infant formula and milk products
- Confectionery and bakery
- Food flavours carrier

Packing: 25 kg bags

Xanthan Gum

CAS **11138-66-2** · HS **3913.90** · Polysaccharide · Off-white powder · Grades: **Food, Industrial**

Xanthan gum is a thickener and stabiliser that works in small amounts.

- Sauces, dressings and ketchup
- Bakery and gluten-free products
- Toothpaste and cosmetics
- Oil drilling fluids

Packing: 25 kg bags

Starch

CAS **9005-25-8** · HS **1108.12** · $(C_6H_{10}O_5)_n$ · White powder

Starch is a natural thickener and binder used in food, paper, textiles and adhesives.

- Corrugated board and paper adhesives
- Textile sizing
- Food thickener
- Paper making

Packing: 25 kg bags, 50 kg bags

Glycerol Monostearate (GMS)

CAS **31566-31-1** · HS **2915.70** · $C_{21}H_{42}O_4$ · White to cream flakes or powder

Glycerol monostearate (GMS) is an emulsifier used in food, cosmetics and plastics.

- Bakery and ice cream emulsifier
- Creams and lotions
- Antistatic and anti-fog for plastics
- Pharmaceutical creams

Packing: 25 kg bags

Soya Lecithin (Food Grade)

CAS **8002-43-5** · HS **2923.20** · Phospholipid mixture · Brown, viscous liquid

Soya lecithin is a natural emulsifier from soybeans.

- Chocolate and confectionery
- Bakery and margarine
- Animal feed
- Paints and inks dispersant

Packing: Drums of about 200 kg

Carboxymethyl Cellulose (CMC: Technical/Food)

CAS **9004-32-4** · HS **3912.31** · Sodium carboxymethyl cellulose · White to off-white powder or granules · Grades: **Technical, Food**

CMC is a water-soluble thickener, binder and stabiliser.

- Detergents (anti-redeposition)
- Food thickener and stabiliser
- Textile printing and sizing
- Paper coating

Packing: 25 kg bags

Glycerin (Local/Imported)

CAS **56-81-5** · HS **2905.45** · $C_3H_8O_3$ · Clear, colourless, syrupy liquid · Grades: **USP 99.5%, Technical**

Glycerin (glycerol) is a sweet, moisture-holding liquid used in cosmetics, pharma, food and industry.

- Soaps, creams and cosmetics
- Pharmaceutical syrups
- Food humectant and sweetener
- Alkyd resins

Packing: Drums of about 250 kg, 1,000 L IBC tanks

Hydroxypropyl Methylcellulose (HPMC)

CAS **9004-65-3** · HS **3912.39** · Cellulose ether · White to off-white powder · Grades: **Construction, Paint, Pharma**

HPMC is a water-soluble cellulose thickener. It holds water, thickens and binds in building products, paints and tablets.

- Tile adhesives, wall putty and plasters
- Emulsion paint thickener
- Tablet coating and binder (pharma grade)
- Detergents and cleaners

Packing: 25 kg bags

Industrial intermediates and others

18 products

Used as raw materials and intermediates across many industries.

Titanium Dioxide (Rutile/Anatase)

CAS **13463-67-7** · HS **3206.11** · TiO_2 · Fine white powder · Grades: **Rutile, Anatase**

Titanium dioxide is the main white pigment. Rutile gives the best opacity and weather resistance; anatase is softer and bluer white.

- Paints and coatings (rutile)
- Plastics and masterbatch
- Paper
- Printing inks

Packing: 25 kg bags, 1,000 kg jumbo bags

Monoethanolamine (MEA) CORROSIVE

CAS **141-43-5** · HS **2922.11** · C_2H_7NO · Clear, viscous liquid

Monoethanolamine (MEA) is an amine used in gas treating, detergents and personal care.

- Gas sweetening (CO_2 and H_2S removal)
- Detergents and surfactants
- Cosmetics
- Metalworking fluids

Packing: 200 L steel drums, 1,000 L IBC tanks

Dimethylformamide (DMF) FLAMMABLE TOXIC

CAS **68-12-2** · HS **2924.19** · C_3H_7NO · Clear, colourless liquid

Dimethylformamide (DMF) is a strong polar solvent used for PU leather, fibres and synthesis.

- PU synthetic leather
- Acrylic and spandex fibres
- Pharmaceutical synthesis
- Pesticides

Packing: 200 L steel drums

Dioctyl Phthalate (DOP) TOXIC

CAS **117-81-7** · HS **2917.32** · $C_{24}H_{38}O_4$ · Clear, oily liquid

DOP is the classic general-purpose plasticiser that makes PVC soft and flexible.

- PVC cables and wires
- Flexible PVC sheet and film
- Leather cloth and flooring
- PVC hoses and footwear

Packing: 200 L steel drums, 1,000 L IBC tanks

Dioctyl Terephthalate (DOTP)

CAS **6422-86-2** · HS **2917.39** · $C_{24}H_{38}O_4$ · Clear, oily liquid

DOTP is a non-phthalate plasticiser and a popular replacement for DOP.

- PVC cables and wires
- Toys and consumer goods
- Flooring and wall coverings
- Medical and food-contact PVC

Packing: 200 L steel drums, 1,000 L IBC tanks

Ethylene Dichloride (EDC) FLAMMABLE TOXIC

CAS **107-06-2** · HS **2903.15** · $C_2H_4Cl_2$ · Clear, colourless liquid

Ethylene dichloride (1,2-dichloroethane) is a chlorinated solvent and a raw material for vinyl chloride.

- Raw material for vinyl chloride and PVC
- Solvent and degreaser
- Extraction solvent
- Chemical synthesis

Packing: 200 L steel drums (about 250 kg)

Dichloropropane (DCP) FLAMMABLE

CAS **78-87-5** · HS **2903.19** · $C_3H_6Cl_2$ · Clear, colourless liquid

1,2-Dichloropropane is a chlorinated solvent used in synthesis and as a degreaser.

- Chemical intermediate
- Solvent for oils, fats and resins
- Metal degreasing
- Paint removers

Packing: 200 L steel drums

Trichloroethylene (TCE) TOXIC

CAS **79-01-6** · HS **2903.22** · C_2HCl_3 · Clear, colourless liquid

Trichloroethylene (TCE) is a powerful degreasing solvent that does not burn easily.

- Metal degreasing
- Adhesives
- Paint strippers
- Chemical intermediate

Packing: 200 L steel drums (about 290 kg)

Perchloroethylene (PCE) / Perklone (China)

CAS **127-18-4** · HS **2903.23** · C_2Cl_4 · Clear, colourless liquid

Perchloroethylene (PCE, perklone) is a non-flammable solvent used for dry cleaning and degreasing.

- Dry cleaning
- Metal degreasing
- Textile processing
- Chemical intermediate

Packing: 200 L steel drums (about 300 kg)

n-Hexane FLAMMABLE

CAS **110-54-3** · HS **2901.10** · C_6H_{14} · Clear, colourless liquid

n-Hexane is a fast-evaporating hydrocarbon solvent used mainly for oil extraction and in adhesives.

- Edible oil seed extraction
- Rubber and shoe adhesives
- Cleaning and degreasing
- Lab and process solvent

Packing: 200 L steel drums, Bulk road tankers

Phenol TOXIC CORROSIVE

CAS **108-95-2** · HS **2907.11** · C_6H_5OH · White to pink crystalline solid (melts at about 41 °C)

Phenol is the raw material for phenolic resins, bisphenol A and many chemicals.

- Phenol-formaldehyde resins (laminates, plywood)
- Bisphenol A and epoxy resins
- Disinfectants
- Pharmaceuticals

Packing: Drums of about 200 kg

Hexamine (Saudi/China) FLAMMABLE

CAS **100-97-0** · HS **2933.69** · $C_6H_{12}N_4$ · White crystalline powder

Hexamine (hexamethylenetetramine) is a curing agent for phenolic resins and a raw material for many products.

- Curing agent for phenolic and novolac resins
- Rubber accelerator
- Pharmaceuticals
- Solid fuel tablets

Packing: 25 kg bags

Paraformaldehyde FLAMMABLE TOXIC

CAS **30525-89-4** · HS **2912.60** · $(CH_2O)_n$ · White powder or prills · Grades: **91%, 96%**

Paraformaldehyde is solid formaldehyde. It is used to make resins without adding water.

- Urea and phenol formaldehyde resins
- Agrochemicals
- Disinfection and fumigation
- Pharmaceuticals

Packing: 25 kg bags

Pentaerythritol

CAS **115-77-5** · HS **2905.42** · $C_5H_{12}O_4$ · White crystalline powder · Grades: **Mono 95%, Mono 98%**

Pentaerythritol is a polyol used to make alkyd resins, varnishes and lubricant esters.

- Alkyd resins for paints
- Rosin esters for inks and adhesives
- Synthetic lubricants
- Fire-retardant coatings

Packing: 25 kg bags

Chlorinated Paraffin Wax (CPW)

CAS **63449-39-8** · HS **3824.99** · Chlorinated hydrocarbons · Pale yellow, viscous liquid · Grades: **CP-52 liquid**

Chlorinated paraffin is a secondary plasticiser and flame retardant for PVC and rubber.

- Secondary plasticiser for PVC
- Flame retardant for plastics and rubber
- Metalworking fluids
- Paints and sealants

Packing: Drums of about 250 kg, 1,000 L IBC tanks

Chloroform TOXIC

CAS **67-66-3** · HS **2903.13** · $CHCl_3$ · Clear, colourless, heavy liquid

Chloroform is a chlorinated solvent used in pharma, labs and chemical synthesis.

- Pharmaceutical extraction and synthesis
- Laboratory solvent
- Refrigerant (R-22) production
- Chemical intermediate

Packing: 200 L steel drums (about 300 kg)

Paraffin Wax (58-60 °C)

CAS **8002-74-2** · HS **2712.20** · Saturated hydrocarbons · White slabs · Grades: **Fully refined**

Fully refined paraffin wax with a melting point of 58–60 °C.

- Candles
- Wax coatings for paper and packaging
- Crayons
- Rubber and tyres

Packing: 50 kg bags (slabs)

Diethanolamine (DEA)

CAS **111-42-2** · HS **2922.12** · $C_4H_{11}NO_2$ · Colourless viscous liquid or white solid (melts at 28 °C)

Diethanolamine (DEA) is used to make detergent foam boosters, cement additives and to treat gas.

- Cocamide DEA and other detergent bases
- Gas treating
- Cement grinding aid
- Metalworking fluids

Packing: 200 L steel drums, 1,000 L IBC tanks

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