

INDUSTRIAL CHEMICAL SUPPLY

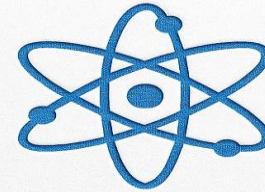
Product Catalogue

Caustic Soda · Lye · Flakes · Prills

FortChemix Ltd

Registered in England · Hampshire, United Kingdom

2026 Edition



FORTCHEMIX
INDUSTRIAL CHEMICAL SUPPLY

Direct from manufacturer · UK-traded · Globally shipped

About FortChemix

FortChemix Ltd is a United Kingdom-based industrial chemical trading company, headquartered in Hampshire and registered in England. We specialise in the international supply of high-purity caustic soda to manufacturers, processors, and distributors across Europe, Africa, the Middle East, and beyond.

Our model is built on direct sourcing from a single, state-of-the-art manufacturing partner. By controlling the supply chain end-to-end — from production through to final delivery — we offer buyers a rare combination of consistent premium quality, competitive pricing, and transparent logistics.

Direct Sourcing

No middlemen, consistent quality

UK Counterparty

Trade under English law, pay in GBP

99.40%+ Purity

Premium grade on solid forms

Global Delivery

FOB, CIF, DAP — terms to suit

Three forms of high-purity caustic soda

CSL

Caustic Soda Lye

FORM

Liquid

PURITY

47% min

PACKAGING

Bulk tanker

CSF

Caustic Soda Flakes

FORM

Solid

PURITY

99.50% min

PACKAGING

25 kg / 50 kg HDPE bags

CSP

Caustic Soda Prills

FORM

Granules

PURITY

99.40% min

PACKAGING

25 kg / 50 kg sealed HDPE bags

Caustic Soda Lye

Sodium Hydroxide Solution (NaOH) · 47% minimum · Liquid

High-purity liquid sodium hydroxide supplied in bulk tanker load. Manufactured via UHDE Germany Membrane Cell Technology, this product is the primary feedstock for continuous industrial processes requiring large volumes of alkali. Most economical form for buyers with liquid-handling infrastructure.

KEY FEATURES

- Minimum 47.00% NaOH guaranteed on dispatch
- Produced via advanced Membrane Cell technology
- Low chloride and carbonate impurity levels
- Ideal for continuous industrial process applications

⚠ Corrosive. Exothermic on dilution. See Safety Data Sheet before handling.

SPECIFICATIONS

Laboratory-tested per batch

CHARACTERISTIC	SPECIFICATION
Sodium Hydroxide (NaOH)	47.00% min
Sodium Carbonate (Na ₂ CO ₃)	0.20% max
Chloride (Cl ⁻)	0.015% max
Iron (Fe ³⁺)	10 ppm max

Caustic Soda Flakes

Sodium Hydroxide (NaOH) · 99.50% minimum · Solid flakes

Solid sodium hydroxide in free-flowing, white, deliquescent flake form. Produced by evaporating caustic lye from UHDE Germany Membrane Cell Technology. Easy to transport, store, and dose — ideal for buyers without bulk liquid infrastructure, or for smaller, intermittent batch-process applications.

KEY FEATURES

- High-purity sodium hydroxide (99.50% min)
- Free-flowing white deliquescent flakes
- Easier to handle and dose than liquid lye
- Dissolves gradually — controllable dissolution rate

⚠ Corrosive solid. Reacts exothermically with water. See Safety Data Sheet.

SPECIFICATIONS

Laboratory-tested per batch

CHARACTERISTIC	SPECIFICATION
Sodium Hydroxide (NaOH, dry)	99.50% min
Sodium Carbonate (Na ₂ CO ₃)	0.40% max
Chloride (Cl)	0.03% max
Iron (Fe ³⁺)	20 ppm max

Caustic Soda Prills

Sodium Hydroxide (NaOH) · 99.40% minimum · Granules 0.25–1.3 mm

Ultra-high-purity sodium hydroxide produced as small, uniform, spherical granules via Bertram (Switzerland) prilling technology. Superior handling, blending, and dissolution characteristics compared to flakes — preferred solid form where rapid uniform dissolution or clean dry-mixing is required.

KEY FEATURES

- Ultra-high purity (99.40% NaOH min)
- Free-flowing milky-white granules (0.25–1.3 mm)
- Hard, crush-resistant — resists caking in storage
- Faster dissolution than flakes, less agitation time
- Packed under dehumidified, climate-controlled conditions

⚠ Corrosive solid. Reacts exothermically with water or tissue. See Safety Data Sheet.

SPECIFICATIONS

Laboratory-tested per batch

CHARACTERISTIC	SPECIFICATION
Sodium Hydroxide (NaOH, dry)	99.40% min
Sodium Carbonate (Na ₂ CO ₃)	0.60% max
Chloride (NaCl)	0.02% max
Iron (Fe ³⁺)	10 ppm max
Nickel (Ni)	5 ppm max
Particle size	0.25 – 1.3 mm

Applications across industries

Caustic soda is one of the most versatile industrial chemicals in the global economy. FortChemix supplies buyers operating across the following major consuming sectors:

Pulp & Paper

Kraft pulping, bleaching, de-inking

Textiles

Mercerisation, fibre processing, dyeing

Soaps & Detergents

Saponification, surfactant manufacture

Petroleum Refining

Sulphur removal, crude refining

Aluminium

Bauxite processing (Bayer process)

Chemical Synthesis

Dyes, pharmaceuticals, organics

Bleach & Disinfect.

Sodium hypochlorite production

Water Treatment

pH correction, heavy metal removal

Food Processing

pH regulation (food-grade on enquiry)

Biodiesel

Catalyst for transesterification

Packaging, shipping & terms

PACKAGING OPTIONS

FORM	PACKAGING	UNIT	CONTAINER
Lye	Bulk tanker	—	1 × tanker
Flakes	HDPE + HM liner	25 / 50 kg	21 t / 20ft FCL
Prills	Sealed HDPE	25 / 50 kg	21 t / 20ft FCL

INCOTERMS ACCEPTED

- EXW** Ex-Works — buyer collects at origin
- FOB** Free on Board — seller to loading port
- CIF** Cost, Insurance, Freight — to dest. port
- DAP** Delivered At Place — door to site

SHIPMENT DOCUMENTATION

- Commercial Invoice & Packing List
- Bill of Lading / Air Waybill
- Batch-specific Certificate of Analysis (CoA)
- Certificate of Origin
- 16-section SDS + CLP-compliant labelling

Quality, compliance & assurance

99.50%

minimum NaOH purity on solid forms

Premium Quality

Manufactured at an ISO-certified facility using licensed Membrane Cell and prilling technology from UHDE (Germany) and Bertram (Switzerland).

16-section

SDS with every consignment

Full Compliance

All shipments accompanied by current SDS and CLP-compliant labelling. UK REACH / DUIN handled by FortChemix for all imports into UK and EU markets.

Per-batch

Certificate of Analysis

Traceability

Every batch laboratory-tested prior to dispatch. Batch-specific CoA provided. Defined complaints and claims procedure with agreed response times.

NEXT STEPS

Let's talk business.

Request a quotation, ask for a sample, or schedule a call to discuss regular supply — we respond within one business day.

01

Send us your specification

Product, form, quantity, destination port, preferred Incoterm.

02

Receive a formal quotation

Priced in GBP or USD. Valid 14 days. Pro-forma issued on acceptance.

03

Trial shipment or full order

Trial containers welcomed for new buyers. Samples available on request.

FortChemix Ltd

Industrial Chemical Supply · Registered in England · Hampshire, United Kingdom