

HRITIK CHEMICALS PRIVATE LIMITED
MUMBAI, INDIA



INDUSTRIAL CHEMICALS & PERFORMANCE ADDITIVES

Built for Process. Proven in Plant.

Materials for Modern Manufacturing.

EST. 1998 | 5 PRODUCT PLATFORMS | MUMBAI, INDIA



OPERATING MODEL

Qualified Manufacturing. Single-Point Accountability.

Hritik Chemicals supplies industrial chemicals, adsorbents and performance additives through a qualified manufacturing partner network. Much of this portfolio is specified on physical form rather than assay, so we work from the duty backwards.

THE MODEL IN PRACTICE

QUALIFIED MANUFACTURING NETWORK

Selected Indian manufacturing partners, assessed for process capability, quality systems and regulatory readiness.

SPECIFICATION CONTROL

Supply aligned to the customer's stated specification, confirmed before an offer is issued.

QUALITY OVERSIGHT

Defined quality and documentation processes, with a Certificate of Analysis released against every consignment.

INTERNATIONAL SUPPLY

Export documentation and packaging aligned to destination requirements and applicable hazard classification.

SINGLE-POINT ACCOUNTABILITY

One commercial and technical interface, from first enquiry through qualification, sampling, production and delivery.

Disclosure. Manufacturing site details, certifications and regulatory documentation are shared with qualified buyers under confidentiality. Where a product requires a specific pharmacopoeial standard or destination-market registration, the position is established before commercial terms are agreed.



CAPABILITY

Why Hritik Chemicals

Six things a buyer can hold us to. Each is a statement of how we operate, not a claim about scale.

Since 1998

Established experience in chemical sourcing, supply and export.

Qualified manufacturing network

Selected Indian manufacturing partners, assessed before they enter the network.

Specification control

Supply matched to the customer's requirement rather than to what is available.

Quality and documentation

Certificate of Analysis, Safety Data Sheet, specification and the export documentation your market requires.

International supply

Packaging and paperwork aligned to destination regulation and hazard classification.

Single-point accountability

One commercial and technical point of contact throughout the supply cycle.

CERTIFIED MANAGEMENT SYSTEMS



ISO 9001:2015

QUALITY MANAGEMENT

Covers partner qualification, specification control and batch release against Certificate of Analysis. It also sets out how we handle a non-conformance when one occurs.



ISO 14001:2015

ENVIRONMENTAL MANAGEMENT

Applies to waste, hazardous goods handling, packing and transport. It is also one of the criteria we assess partner sites against.

Certification scope. Certificate numbers, issuing body and scope of registration are provided on request. Where a certification is held by a manufacturing partner rather than by Hritik Chemicals, that is stated at enquiry.



COMPLETE LISTING

Product Index

All 41 products across the 5 platforms, with CAS numbers. Detailed range pages, applications and supply notes follow. Grades, packing and lead times are quoted against your specification.

ADSORBENTS & DESICCANTS

Molecular Sieve 3A	70955-01-0
Molecular Sieve 4A	70955-01-0
Molecular Sieve 5A	70955-01-0
Molecular Sieve 13X	63231-69-6
Molecular Sieve Powder, 3A / 4A	70955-01-0
Carbon Molecular Sieve	7440-44-0
Activated Alumina Balls	1344-28-1
Ceramic Alumina Balls	1344-28-1
Silica Gel, White (non-indicating)	112926-00-8
Silica Gel, Blue (indicating)	112926-00-8
Silica Gel, Orange (indicating)	112926-00-8
Activated Carbon, Powder (Washed)	7440-44-0
Activated Carbon, Powder (Unwashed)	7440-44-0
Activated Carbon, Granular	7440-44-0
Bentonite Desiccant	1302-78-9

Calcium Chloride Desiccant	10043-52-4
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FLAME RETARDANTS, FILLERS & REFRACTORY MEDIA

Aluminium Hydroxide (ATH)	21645-51-2
Magnesium Hydroxide (MDH)	1309-42-8
Zinc Borate	1332-07-6
Triphenyl Phosphate (TPP)	115-86-6
Silica Fume	69012-64-2

AMINES & PROCESS CHEMICALS

Diethylamine	109-89-7
Diethylenetriamine	111-40-0
Dimethylaminopropylamine (DMAPA)	1122-58-3
Hexamethylenediamine	124-09-4
Monoethanolamine (MEA)	141-43-5
Morpholine	110-91-8
Tetramethylammonium Chloride	75-57-0

SOLVENTS & PROCESS ADDITIVES

Methyl Acetate	79-20-9
Ethyl Formate	109-94-4
Methyl Formate	107-31-3
Tri-n-Butyl Phosphate	126-73-8
Tetrapotassium Pyrophosphate	7320-34-5
Calcium Stearate	1592-23-0

METAL SALTS & SPECIALTY INORGANICS

Copper Carbonate	12069-69-1
Copper Sulphate	7758-99-8
Lithium Chloride	7447-41-8
Sodium Selenite	10102-18-8
Sodium Biselenite	13410-01-0
Sodium Selenate	10102-23-5
Zinc Selenite	13597-46-1



01

Adsorbents & Desiccants

Moisture and gas control media for packaging, cargo protection, gas separation and process drying. Molecular sieve and activated carbon are supplied across a full grade range, detailed on the two pages that follow.

SELECTED PORTFOLIO

PRODUCT	CAS NO.
Molecular Sieve 3A	70955-01-0
Molecular Sieve 4A	70955-01-0
Molecular Sieve 5A	70955-01-0
Molecular Sieve 13X	63231-69-6
Molecular Sieve Powder, 3A / 4A	70955-01-0
Carbon Molecular Sieve	7440-44-0
Activated Alumina Balls	1344-28-1
Ceramic Alumina Balls	1344-28-1
Silica Gel, White (non-indicating)	112926-00-8
Silica Gel, Blue (indicating)	112926-00-8
Silica Gel, Orange (indicating)	112926-00-8
Activated Carbon, Powder (Washed)	7440-44-0
Activated Carbon, Powder (Unwashed)	7440-44-0
Activated Carbon, Granular	7440-44-0
Bentonite Desiccant	1302-78-9
Calcium Chloride Desiccant	10043-52-4

APPLICATIONS

Container and cargo protection · Compressed air and gas drying · Nitrogen and oxygen generation ·



SPECIFICATION

Molecular Sieve 4A

Crystalline sodium aluminosilicate with a uniform 0.4 nm pore opening, manufactured to BIS 14211:1994. Supplied as extruded pellets, spheres and powder for gas and liquid drying duties where the finest trace of moisture has to be removed.

PELLETS

1.5 mm · 3.0 mm

SPHERES

1.6–2.6 mm · 2–4 mm

POWDER

Available to order

TYPICAL PROPERTIES

PROPERTY	PELLETS	SPHERES
Water adsorption at 30°C, 15% RH	20–24 %	20–23 %
Water adsorption at 75% RH	23–26 %	23–26 %
Retention after 600°C thermal cycling	20–24 %	20–23 %
Crushing strength	3–17 kg	3–10 kg
Attrition loss on tumbling, max	0.25 %	0.15 %
Free moisture, max	1.5 %	1.5 %
Bulk density	650–780 g/L	750–850 g/L
Bed crushing strength	80–99 %	80–99 %

Regeneration. Thermally or by evacuation with purge, at 200–300°C using hot dry gas. Do not exceed 450°C or expose to hot gas carrying high moisture. **Packing.** Airtight MS drums filled hot and sealed, 200 / 210 litre. Shelf life is indefinite in sealed packing.

Applications: natural gas and hydrocarbon stream drying including polar liquids; drying of benzene, hexane, kerosene, chloroform, methylene chloride, naphtha, hydrogen-rich and reformer recycle gas; ammonia and moisture removal from fertiliser plant purge gas; carbon dioxide and methanol removal in nitrogen wash units; solvent, reactant and gas drying.

Grade selection depends on vessel geometry, gas velocity and regeneration cycle rather than adsorption capacity alone. Send us the duty and we will recommend the form and size, with the full property table issued against your enquiry.



SPECIFICATION

Activated Carbon

Three product families across more than twenty grades. Powder grades are steam activated from pine wood, which gives a soft, highly porous carbon with high adsorption capacity per unit consumed. Granular grades are produced from coconut shell only, for hardness and surface area.

POWDER, ACID WASHED

GRADE RANGE	METHYLENE BLUE	ASH, MAX	IRON, MAX
GCW-20 to GCW-48, eight grades	200–480 mg/g	1–4 %	50–200 ppm

Acid soluble matter 2% max, water soluble 1% max, pH 6.0–7.5, 98% through 100 mesh. Chloride and sulphate to USP. Washed grades meet IP, BP and USP parameters and are used where residual iron and ash limits govern.

POWDER, UNWASHED

GRADE RANGE	METHYLENE BLUE	ASH	IRON, MAX
Six grades	125–350 mg/g	12–15 %	500–1000 ppm

GRANULAR, COCONUT SHELL

GRADE RANGE	IODINE VALUE	SURFACE AREA	BULK DENSITY
Five grades	500–1050 mg/g	500–1050 m ² /g	0.48–0.55 g/cc

Ball pan hardness 70–90, ash 5% max, moisture 5%, pH 9–10. Sieve sizes 4/8, 8/16, 12/30, 16/30, 8/30, 6/16 and 4/16. **ETP grades and unwashed carbon at pH 5–9 are made to order. Packing.** 25, 30 and 40 kg HDPE bags with inner polythene liner.

Applications: pharmaceutical and bulk drug purification; decolourisation of glycerine, plasticisers, waxes, organic acids and sugar solutions; edible oil bleaching; effluent treatment and BOD/COD reduction; potable water and industrial gas purification; catalyst carrier duty in fertiliser units and refineries; breweries and distilleries; solvent and gold recovery; swimming pool and soft drink dechlorination.

Grade is selected against your decolourisation target and filtration setup, not against surface area in isolation. Send a sample of the stream you are treating and we will recommend the grade and dose, with the full grade table issued against your enquiry.



02

Flame Retardants, Fillers & Refractory Media

Mineral flame retardants and functional fillers for polymer, cable and construction applications, with refractory media for process plant.

SELECTED PORTFOLIO

PRODUCT	CAS NO.
Aluminium Hydroxide (ATH)	21645-51-2
Magnesium Hydroxide (MDH)	1309-42-8
Zinc Borate	1332-07-6
Triphenyl Phosphate (TPP)	115-86-6
Silica Fume	69012-64-2

APPLICATIONS

Cable and wire compounds · Polymer and rubber compounding · Construction and refractory products · Catalyst bed support · Column and tower packing

SUPPLY NOTE

Inert ceramic balls for catalyst bed support and tower packing are supplied to size on request. Particle size distribution and surface treatment govern performance in filled compounds far more than purity does, so state your loading and polymer system and we will quote the grade that suits it.



03

Amines & Process Chemicals

Aliphatic amines, alkanolamines and cyclic amines used as intermediates, gas treating agents, corrosion inhibitors and curing agents across process industry.

SELECTED PORTFOLIO

PRODUCT	CAS NO.
Diethylamine	109-89-7
Diethylenetriamine	111-40-0
Dimethylaminopropylamine (DMAPA)	1122-58-3
Hexamethylenediamine	124-09-4
Monoethanolamine (MEA)	141-43-5
Morpholine	110-91-8
Tetramethylammonium Chloride	75-57-0

APPLICATIONS

Gas sweetening and acid gas removal · Epoxy curing · Polyamide and surfactant manufacture · Corrosion inhibitor formulation · Water treatment

SUPPLY NOTE

Amines in this range are corrosive and, in several cases, flammable. They ship under the relevant transport classification in UN-approved packaging, with the hazard class confirmed on the offer.



04

Solvents & Process Additives

Formate esters, phosphate esters, sequestrants and metallic stearates used as solvents, extractants, dispersants and processing aids.

SELECTED PORTFOLIO

PRODUCT	CAS NO.
Methyl Acetate	79-20-9
Ethyl Formate	109-94-4
Methyl Formate	107-31-3
Tri-n-Butyl Phosphate	126-73-8
Tetrapotassium Pyrophosphate	7320-34-5
Calcium Stearate	1592-23-0

APPLICATIONS

Solvent extraction and metal recovery · Blowing agent systems · Detergent and cleaning formulation · PVC and polymer processing · Lubricant and release applications

SUPPLY NOTE

Formate esters are highly flammable with low flash points and are supplied in approved packaging under the corresponding class. Confirm your storage arrangement before the first consignment.



05

Metal Salts & Specialty Inorganics

Copper, lithium and selenium compounds supplied for electroplating, glass and pigment manufacture, catalysis, and trace element fortification in feed and agriculture.

SELECTED PORTFOLIO

PRODUCT	CAS NO.
Copper Carbonate	12069-69-1
Copper Sulphate	7758-99-8
Lithium Chloride	7447-41-8
Sodium Selenite	10102-18-8
Sodium Biselenite	13410-01-0
Sodium Selenate	10102-23-5
Zinc Selenite	13597-46-1

APPLICATIONS

Electroplating and surface finishing · Glass decolourising and pigment manufacture · Catalyst preparation · Feed and fertiliser trace elements · Desiccant and battery applications

SUPPLY NOTE

Selenium compounds are highly toxic and tightly regulated. Permitted inclusion rates in feed and fertiliser are set by destination-market legislation and vary by species and jurisdiction. We confirm the permitted status for your market before quoting.



SUPPLY ASSURANCE

What is delivered with every order

Documents

Certificate of Analysis released against every consignment. Specification sheet and Safety Data Sheet issued at enquiry, before you commit. Grade, assay, packing and lead time are quoted against your specification.

Packing

UN-approved packaging where required by applicable transport regulations. Fibre drums, HDPE drums, carboys and IBCs are selected according to product, destination and applicable hazard classification. Packing is confirmed on the offer, not after.

Shipping

Flexible international shipping arranged to customer requirements.

Compliance

Export documentation, dangerous goods declarations and destination import requirements handled before dispatch.

Controlled goods

We do not supply SCOMET-listed or Australia Group controlled chemicals without the required licence, and we identify at enquiry whether a product falls into that category.

LOOKING FOR SOMETHING NOT LISTED?

Send us your specification.

We will assess the duty, the operating conditions and the physical form required, and identify the appropriate supply option. Custom products, alternative grades, private packing and made-to-order desiccant formats are quoted to your requirement.

[SUBMIT A SPECIFICATION →](#)

REGULATORY NOTE

Products in this portfolio include hexavalent chromium reagents, controlled precursors and selenium compounds subject to destination-market restriction and permitted-use limits. We confirm the permitted status for your market before quoting.

HRITIK CHEMICALS PRIVATE LIMITED
SINCE 1998



ENQUIRIES

**Tell us what you need.
We will identify the
appropriate supply route.**

TECHNICAL DATA | EVALUATION SAMPLES | COMMERCIAL OFFERS

MOBILE

[+91 87790 10802](tel:+918779010802)

WHATSAPP

[+1 416 732 7419](https://wa.me/918779010802)

EMAIL

hritikp@hritikchemical.com

WEB

www.hritikchemical.com

OFFICE

1301–1304, 13th Floor, B Wing, Dhanashree Heights, Bldg No. 42,
Azad Nagar 2, Off Veera Desai Road, Andheri West, Mumbai 400053, India