RAK NOVACHEM PRIVATE LIMITED

PRODUCT CATALOGUE

Industrial & Specialty Chemical Portfolio

1. WATER TREATMENT CHEMICALS

Product Name	Description & Industrial Applications
Sodium Hypochlorite	Effective oxidizing and disinfecting agent for municipal water purification, industrial bleaching, and sanitation applications.
PAC (Polyaluminium Chloride)	High-efficiency inorganic coagulant designed for rapid flocculation in wastewater treatment and potable water systems.
Ferric Chloride	Heavy-duty coagulant and flocculating agent widely utilized for industrial effluent clarification and sludge dewatering.

2. BASIC CHEMICALS & SOLVENTS

Product Name	Description & Industrial Applications
Caustic Soda (Sodium Hydroxide)	Strong chemical base applied in pH control, chemical synthesis, industrial cleaning formulations, and neutralization.
Citric Acid	Versatile organic acid serving as a pH modifier, chelating agent, rust remover, and processing additive.
IPA (Isopropyl Alcohol)	High-purity solvent engineered for industrial surface cleaning, degreasing, and chemical processing.

3. RAW MATERIALS & INTERMEDIATES

Product Name	Description & Industrial Applications
Propylene Glycol	High-grade solvent and humectant utilized in synthetic resin manufacturing, paints, and liquid formulations.
Titanium Dioxide (TiO_2)	Premium white pigment offering superior opacity, opacity stability, brightness, and weather resistance for coatings.
Calcium Carbonate	Essential mineral filler designed to improve mechanical strength, rheology, and cost efficiency in industrial compounds.

4. PAINTS, COATINGS & ADMIXTURES

Product Name	Description & Industrial Applications
Acrylic Emulsion	High-performance binder for decorative architectural paints, exterior coatings, and elastomeric membranes.
HEC / HPMC (Cellulose Ethers)	Water-soluble rheology modifiers providing thickening, moisture retention, and workability in mortars and paints.
Defoamer	Specialized anti-foaming additive engineered for fast foam suppression in aqueous coating and binder processes.

5. CONSTRUCTION & POLYMER CHEMICALS

Product Name	Description & Industrial Applications
PCE Superplasticizer	Advanced polycarboxylate ether water reducer for high-strength concrete mixes and long slump retention.
Sodium Gluconate	Efficient set retarder and plasticizer for concrete admixtures, as well as an effective metal surface chelator.
SBR Latex	Styrene-butadiene synthetic emulsion for enhancing adhesion, waterproofing performance, and flexural strength.
Epoxy Resin	Thermosetting resin delivering superior chemical durability, high mechanical strength, and protective adhesion.

6. SPECIALTY CHEMICALS & SURFACTANTS

Product Name	Description & Industrial Applications
Zinc Sulphate	Crucial micronutrient compound and chemical intermediate used across agricultural and processing sectors.
Magnesium Sulphate	High-grade mineral salt formulation applied in agricultural soil enrichment and specialized chemical processes.
Non-ionic Surfactants	Surface-active agents providing emulsification, wetting, and dispersing properties for cleaner formulations.
Industrial Degreasers	Heavy-duty formulations engineered to break down tough oils, grease, and industrial residues cleanly.

7. AGROCHEMICALS

Supporting crop protection, soil health and agrochemical formulation through a focused range of intermediates and formulation ingredients.

Product Name	Description & Industrial Applications
7.1 Active Protection Pesticide intermediates	Chemical intermediates used by agrochemical manufacturers in the production of crop-protection formulations. Supply requirements depend on the intended active ingredient, process route and customer specification. **Product scope:** Pesticide-manufacturing intermediates and associated process chemicals, subject to product-specific enquiry and regulatory review.
7.2 Soil & Plant Nutrition Fertiliser additives, micronutrients and soil conditioners	Inputs intended to support nutrient management and soil improvement. The exact composition, nutrient content, solubility and applicable grade should be selected according to crop, soil and customer requirements. **Product scope:** Fertiliser additives, micronutrient compounds and soil-conditioning materials.
7.3 Formulation Helpers Surfactants, emulsifiers and solvents for EC formulations	Formulation ingredients that support emulsification, wetting, dispersion and solvent compatibility in agrochemical products, including emulsifiable concentrate (EC) formulations. **Product scope:** Surfactants, emulsifiers, formulation solvents and other compatible formulation aids.

Important: Section 7 describes product categories only. It does not represent confirmation that any specific pesticide intermediate, fertiliser additive, micronutrient, soil conditioner, surfactant, emulsifier or solvent is currently stocked or approved for a particular use. TDS, SDS, COA and regulatory documentation are to be confirmed for each product.

Technical Support & Commercial Inquiries

For technical specifications, TDS/MSDS documents, custom blending, or order placements, please contact our team. For agrochemical product enquiries, please share the intended application, product or chemical name, required specification, quantity, packaging and destination.

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