ROLU

WORLDWIDE TRADING LLC-FZ

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Product Catalog

Diesel EN 590 – 10 ppm

Our high-quality EN 590 diesel fuel (max. 10 ppm sulfur) is optimized for modern diesel engines and complies with strict European environmental standards. It ensures efficient combustion, reduced emissions, and reliable performance for transport, power generation, and industrial applications. Consistent quality and dependable supply make it a trusted solution for customers worldwide.

Product Specifications

Specification: EN 590

Sulfur Content: Max. 10 ppm

Cetane Number: Min. 51

Density (15°C): 820–845 kg/m³

Flash Point: Min. 55°C

Trade Information

Origin: NON Sanctioned Origin

Packaging: Bulk (tanker / vessel)

Quantity: Min. 50,000 MT/month

Delivery: CIF / FOB / DAP

Applications: Transportation, power generation, industrial use

Physical & Chemical Properties

Viscosity (40°C): 2.0–4.5 mm²/s

Polycyclic Aromatic Hydrocarbons: Max. 8% m/m

Total Contamination: Max. 24 mg/kg

Oxidation Stability: Min. 20 h

Lubricity (HFRR at 60°C): Max. 460 µm

Cold Weather Performance

Cloud Point: Max. –5°C (winter grade)

Cold Filter Plugging Point (CFPP): Max. –15°C (winter)

Pour Point: Max. –15°C

Water Content: Max. 200 mg/kg

Ash Content: Max. 0.01% m/m

Jet Fuel A-1 – Aviation Turbine Fuel

Jet Fuel A-1 is the internationally recognized standard aviation turbine fuel, essential for both commercial and military aircraft operations. This high-performance fuel strictly adheres to global specifications such as ASTM D1655 and DEF STAN 91-091, ensuring consistent quality and optimal engine performance across diverse flight conditions. Its reliable composition supports safe and efficient air travel worldwide.

Product Specifications

Standard: ASTM D1655 / DEF STAN 91-091

Flash Point: Min. 38°C

Freezing Point: Max. –47°C

Density (15°C): 775–840 kg/m³

Net Heat of Combustion: Min. 42.8 MJ/kg

Sulfur Content: Max. 0.30% m/m

Smoke Point: Min. 25 mm

Trade Information

Origin: NON Sanctioned Origin

Packaging: Barrel

Quantity: Min.

Delivery: CIF / FOB / DAP

Applications: Commercial aviation, military aircraft, private jets, helicopters

Quality & Additives

- Thermal Stability: Min. 260°C (JFTOT)
- Existent Gum: Max. 7 mg/100 mL
- Antioxidant Additives: Required (per DEF STAN)
- Static Dissipator Additive (SDA): Required
- Corrosion Inhibitor: Approved types only
- Antistatic Agent: As per specification

Storage & Handling

- Storage Temperature: Below 40°C
- Tank Material: Carbon steel / stainless steel
- Shelf Life: 12 months (sealed storage)
- Safety Classification: Flammable liquid (Class II)
- UN Number: UN 1863
- IATA/ICAO Compliant: Yes

LPG – Propane/Butane 60/40

Our premium LPG blend combines 60% propane and 40% butane to deliver optimal performance across a wide range of industrial and commercial applications. This carefully balanced mixture provides excellent vapor pressure characteristics and energy efficiency, making it ideal for heating, cutting, welding, and process applications in the energy and petrochemical sectors.

This specification-grade blend meets stringent quality standards and offers consistent performance in varying temperature conditions. The 60/40 ratio ensures reliable vaporization and combustion efficiency while maintaining safe handling characteristics for industrial operations.

Product Specifications

Wide Temperature Range

Optimal performance from –42 °C to ambient conditions

High Energy Content

Superior calorific values ensure efficient combustion

Balanced Vapor Pressure

Consistent vaporization for reliable operation

Specification Grade

Meets industry standards for industrial applications

Applications & Industries

- Industrial heating and process applications
- Metal cutting and welding operations
- Forklift and material handling equipment
- Petrochemical processing facilities
- Commercial and institutional heating systems

Bitumen

Our Bitumen is a premium penetration-grade bitumen widely used in road construction and asphalt applications. This specification-grade product offers excellent binding properties and durability, making it ideal for highway construction, airport runways, and heavy-duty pavement applications.

The 60/70 penetration grade provides optimal performance in moderate climate conditions, ensuring long-lasting road surfaces with superior resistance to deformation and cracking. This product meets international quality standards and is suitable for both hot mix asphalt and surface treatment applications.

Product Specifications

Road Construction Grade

Meets international standards for asphalt production

Excellent Binding Properties

Superior adhesion to aggregates and durability

Temperature Stable

Optimal performance in moderate climates

Flexible Packaging

Available in 200 kg drums, bulk, Jumbo Bag

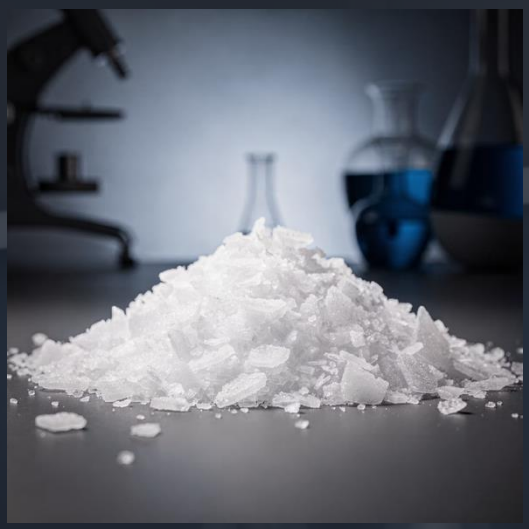
Applications & Industries

- Highway and road construction
- Airport runway paving
- Heavy-duty industrial pavements
- Asphalt concrete production
- Surface treatment and sealing

Caustic Soda Flakes – Sodium Hydroxide 99%

Our Caustic Soda Flakes (Sodium Hydroxide 99%) are high-purity alkali products essential for a wide range of industrial processes. This premium-grade material offers exceptional chemical reactivity and consistency, making it ideal for chemical manufacturing, water treatment, pulp and paper production, and various industrial applications.

With a minimum purity of 99%, our caustic soda flakes provide reliable performance in demanding applications. The flake form ensures easy handling, accurate dosing, and excellent solubility, making it the preferred choice for industrial operations requiring precise chemical control.



Product Specifications

High Purity Grade

Minimum 99% NaOH content for reliable performance

Excellent Solubility

Fully soluble for easy preparation and dosing

Low Impurities

Minimal carbonate, chloride, and iron content

Convenient Packaging

Available in 50 kg bags for easy handling

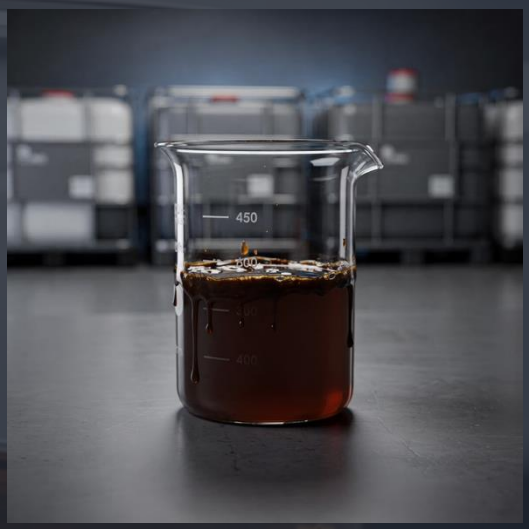
Applications & Industries

- Chemical manufacturing and synthesis
- Water and wastewater treatment
- Pulp and paper production
- Textile processing and mercerization
- Soap and detergent manufacturing
- pH adjustment and neutralization

LABSA – Linear Alkyl Benzene Sulphonic Acid 96%

Our Linear Alkyl Benzene Sulphonic Acid (LABSA 96%) is a high-performance anionic surfactant widely used in detergent and cleaning product manufacturing. This premium-grade material offers excellent surface-active properties and biodegradability, making it the preferred choice for household and industrial cleaning formulations.

With a minimum active matter content of 96%, our LABSA provides superior cleaning efficiency and foam stability. Its excellent solubility and compatibility with other surfactants make it ideal for liquid detergents, dishwashing liquids, industrial cleaners, and various personal care applications.



Product Specifications

High Active Content

Minimum 96% active matter for superior performance

Excellent Surfactant

Outstanding cleaning and foaming properties

Biodegradable

Environmentally friendly formulation

Industrial Packaging

Available in 220 kg drums for bulk use

Applications & Industries

- Liquid and powder detergent manufacturing
- Dishwashing liquid production
- Industrial and household cleaners
- Textile processing and dyeing
- Emulsification and wetting agents
- Personal care product formulations

Prilled Urea

Our Prilled Urea is a high-quality nitrogen fertilizer containing 46% nitrogen, making it one of the most concentrated solid nitrogen sources available. This premium-grade product is manufactured to exacting standards, ensuring consistent quality and performance for agricultural and industrial applications.

The prilled form provides excellent handling characteristics, uniform particle size distribution, and rapid dissolution. With minimal biuret content and low moisture levels, our urea delivers reliable performance in soil application, fertigation systems, and industrial processes requiring high-purity nitrogen compounds.

Product Specifications

High Nitrogen Content

46% nitrogen for maximum nutrient efficiency

Low Biuret

≤1% biuret ensures crop safety and quality

Uniform Prills

Consistent 1-2 mm size for easy application

Low Moisture

≤0.5% moisture prevents caking and ensures stability

Applications & Industries

- Agricultural fertilization and soil amendment
- Fertigation and foliar feeding systems
- Compound fertilizer production
- Animal feed supplements (urea-based)
- Industrial chemical synthesis
- Diesel exhaust fluid (AdBlue/DEF) production

Granular Urea – 46

Our Granular Urea is a premium nitrogen fertilizer containing 46% nitrogen, specifically designed for broadcast application and mechanical spreading. The larger granule size (2-4 mm) provides superior handling characteristics, reduced dust formation, and controlled nutrient release for optimal crop performance.

Manufactured to the highest quality standards, this granular formulation offers excellent storage stability, uniform particle distribution, and consistent nutrient delivery. The controlled granule size ensures even spreading patterns and minimizes segregation during transport and application, making it ideal for large-scale agricultural operations.

Product Specifications

Optimal Granule Size

2-4 mm granules for uniform spreading and application

High Bulk Density

720-760 kg/m³ ensures efficient storage and transport

Low Dust Formation

Larger granules minimize dust during handling

Excellent Flowability

Superior handling for mechanical spreaders

Applications & Industries

- Broadcast fertilization for field crops
- Mechanical spreading systems
- Large-scale agricultural operations
- Soil amendment and top-dressing
- Compound fertilizer blending
- Industrial nitrogen source

Mono Ethylene Glycol (MEG)

Our Mono Ethylene Glycol (MEG) is a high-purity chemical intermediate with a minimum purity of 99.8%, widely used in polyester fiber production, antifreeze formulations, and industrial applications. This premium-grade product offers exceptional quality and consistency, making it essential for demanding chemical processes and manufacturing operations.

With extremely low water content and minimal acidity, our MEG provides reliable performance in polymerization reactions, heat transfer systems, and various industrial processes. The high purity level ensures optimal product quality in downstream applications, from textile manufacturing to automotive coolants and industrial solvents.

Product Specifications

Ultra-High Purity

≥99.8% purity for critical applications

Low Water Content

≤0.1% water ensures process reliability

Minimal Acidity

≤0.001% acidity for sensitive reactions

Flexible Supply

Available in 230 kg drums or bulk delivery

Applications & Industries

- Polyester fiber and PET resin production
- Antifreeze and coolant formulations
- Heat transfer fluid systems
- Industrial solvents and intermediates
- Deicing fluids for aviation
- Hydraulic brake fluid manufacturing

Aluminum Ingots

Our Aluminum Ingots are high-quality primary aluminum products manufactured to meet international standards for industrial applications. These ingots provide excellent material properties including superior corrosion resistance, lightweight characteristics, and exceptional thermal and electrical conductivity.

Produced through advanced smelting and casting processes, our aluminum ingots offer consistent quality and purity levels suitable for a wide range of manufacturing applications. The standardized ingot form ensures easy handling, efficient melting, and reliable performance in downstream processing operations including casting, extrusion, and rolling.

Product Specifications

Property	Value
Purity (Al Content)	99.5–99.9%
Standard Weight per Ingot	20–25 kg
Density at 20 °C	2.70 g/cm³
Melting Point	660 °C
Appearance	Silvery-white metallic solid
Surface Finish	Clean, smooth surface
Packaging	Bundled on pallets

Applications & Industries

- Automotive parts and components
- Construction and building materials
- Electrical conductors and cables
- Packaging and container manufacturing
- Aerospace and transportation
- Die casting and foundry operations

Iron Pellet and Concentrate

Our Iron Pellets and Iron Concentrate are premium-grade raw materials essential for steel production and metallurgical processes. These products are manufactured through advanced beneficiation and pelletizing technologies, ensuring consistent quality, high iron content, and optimal performance in blast furnaces and direct reduction processes.

Iron pellets offer superior handling characteristics, uniform size distribution, and excellent reducibility, making them ideal for modern steelmaking operations. Our iron concentrate provides high-grade iron ore with minimal impurities, suitable for pelletizing, sintering, and direct use in various metallurgical applications.

Product Specifications

High Iron Content

65-67% Fe in pellets for efficient steelmaking

Uniform Size

9-16 mm pellets ensure optimal furnace performance

Low Impurities

Minimal silica and alumina content

Excellent Reducibility

Superior performance in blast furnaces and DRI plants

Applications & Industries

- Blast furnace feedstock for steel production
- Direct reduced iron (DRI) manufacturing
- Electric arc furnace (EAF) operations
- Pelletizing and sintering plants
- Iron and steel foundries
- Metallurgical processing

Iron Bauxite

Our Iron Bauxite is a high-quality aluminum ore containing significant iron content, primarily used in aluminum production and various industrial applications. This naturally occurring mineral is extracted through sustainable mining practices and processed to meet stringent quality standards for metallurgical and chemical industries.

Bauxite ore serves as the principal source of aluminum and is essential for alumina refining through the Bayer process. The presence of iron oxides gives bauxite its characteristic reddish-brown color and contributes to its industrial value in cement manufacturing, abrasives production, and as a raw material for various chemical processes.

High Alumina Content

40-60% Al_2O_3 for efficient aluminum extraction

Iron-Rich Composition

10-30% Fe_2O_3 adds industrial versatility

Natural Resource

Sustainably mined from quality deposits

Multi-Purpose Ore

Suitable for alumina, cement, and abrasives

Applications & Industries

- Aluminum and alumina production (Bayer process)
- Cement manufacturing and additives
- Refractory materials and high-temperature applications
- Abrasives and polishing compounds
- Chemical processing and catalysts
- Water treatment applications

Sulfur

Our Sulfur is a high-purity industrial chemical available in various forms including granules, lumps, and powder. This essential element is widely used in chemical manufacturing, agriculture, and industrial processes. Produced to meet international quality standards, our sulfur offers consistent purity and performance for demanding applications.

Sulfur plays a critical role in sulfuric acid production, fertilizer manufacturing, and numerous chemical synthesis processes. Its versatility and reactivity make it indispensable in industries ranging from agriculture to pharmaceuticals, rubber vulcanization, and petroleum refining. Our product ensures reliable quality for all industrial sulfur requirements.

High Purity Grade

≥99.5% sulfur content for industrial applications

Multiple Forms Available

Granules, lumps, or powder to suit your needs

Low Impurities

Minimal ash and moisture content

Versatile Applications

Essential for chemical, agricultural, and industrial use

Applications & Industries

- Sulfuric acid production
- Fertilizer manufacturing (sulfate compounds)
- Rubber vulcanization processes
- Pharmaceutical and chemical synthesis
- Petroleum refining and processing
- Fungicides and pesticide production

LDPE – Low Density Polyethylene

Our Low Density Polyethylene (LDPE) is a versatile thermoplastic polymer offering excellent flexibility, toughness, and chemical resistance. Available in multiple grades to suit various processing methods and applications, LDPE is the material of choice for film production, injection molding, and extrusion coating processes.

LDPE provides superior clarity, ease of processing, and excellent sealing properties, making it ideal for packaging applications, agricultural films, and consumer products. Our comprehensive range of grades ensures optimal performance for specific manufacturing requirements, from high-clarity films to robust molded products.

Available Grades

We supply a comprehensive range of LDPE grades to meet diverse industrial requirements. The available LDPE grades include Lupolen 2420H, LFI219, LEC1969, LIM1922, LFI2125A, LFI2047A, LFI2130, LL-22B03, LL-22B02 KJ, LD2426F8, LD2420F8, LL22B02, LD2420E02, and LL22B01. Each grade is optimized for specific processing conditions and end-use applications. Contact us for detailed technical data sheets.

Multiple Grades Available

14+ grades for diverse applications and processing needs

Excellent Flexibility

Superior toughness and impact resistance

High Clarity

Transparent to translucent for packaging applications

Easy Processing

Suitable for film, molding, and coating processes

HDPE – High Density Polyethylene

Our High Density Polyethylene (HDPE) is a strong, durable thermoplastic polymer renowned for its excellent strength-to-density ratio, chemical resistance, and versatility. HDPE is widely used across multiple industries for blow molding, injection molding, film production, and pipe manufacturing applications, offering superior impact resistance, rigidity, and long-term performance.

This high-performance polymer is ideal for manufacturing bottles, containers, industrial pipes, geomembranes, household products, and various packaging solutions. Its outstanding processability and mechanical properties make it the preferred choice for applications requiring durability, chemical resistance, and structural integrity.

Available Grades

Excellent Strength & Durability

High strength-to-density ratio, rigidity, and long-term performance.

Chemical Resistance

Resists many acids, alkalis, and solvents.

Versatile Applications

Ideal for blow molding, film, pipes, and packaging.

Superior Processability

Outstanding processability for various manufacturing methods.

We supply a comprehensive range of HDPE grades to meet diverse industrial requirements. The available HDPE grades include EX3 (GM 5010 T2N), HFI5110, HBM5510, HBM5020, HBM4265, EX5 (HM9450F), HD-52505/UV, HF-4760 (BL3), HMCRP100N, HD-60507/UV, HD-5000S, 7000F, 7700M, HD3840, HD-6040UV, HD-6200B, HD54B04UV, and HD62N07UV. Each grade is optimized for specific processing conditions and end-use applications. Contact us for detailed technical data sheets.

MDPE – MFI 3713

Our Medium Density Polyethylene (MDPE) MFI 3713 is a versatile polymer that bridges the gap between LDPE and HDPE, offering an optimal balance of flexibility and strength. This grade provides excellent stress crack resistance, impact strength, and processability, making it ideal for demanding applications requiring durability and reliability.

MDPE MFI 3713 combines the toughness of HDPE with the flexibility of LDPE, delivering superior performance in pipe manufacturing, film applications, and rotational molding. Its excellent environmental stress crack resistance and long-term durability make it the preferred choice for infrastructure and industrial applications.

Product Specifications

Property	Value
Density	0.926–0.940 g/cm³
Melt Flow Index (MFI)	0.3 g/10 min (190°C, 2.16 kg)
Stress Crack Resistance	Excellent (ESCR)
Tensile Strength	20–28 MPa
Flexibility	Medium to high
Processing Methods	Pipe extrusion, blow molding, rotational molding, film
Applications	Gas and water pipes, industrial films, containers

Applications & Industries

- Gas distribution and water supply pipes
- Industrial and agricultural films
- Rotational molded tanks and containers
- Blow molded bottles and containers
- Cable insulation and jacketing
- Geomembranes and liners

DEG – Diethylene Glycol

Diethylene Glycol (DEG) is a clear, colorless, hygroscopic liquid widely used as a versatile chemical intermediate and solvent. With excellent solvency properties and low volatility, DEG serves critical roles in manufacturing resins, plasticizers, and antifreeze formulations.

Product Specifications

	Property	Value
1	Purity	≥99.5%
	Moisture Content	≤0.1%
	Boiling Point	244–245°C
	Density	1.118 g/cm³ at 20°C
	Appearance	Clear, colorless liquid
	Molecular Formula	$C_4H_{10}O_3$
	Applications	Solvents, polyester resins, antifreeze, plasticizers

MEA – Mono Ethanolamine

Mono Ethanolamine (MEA) is a clear, colorless to pale yellow liquid with excellent chemical reactivity and versatility. As a primary amine and alcohol, MEA serves as a crucial intermediate in gas treatment processes, particularly for removing carbon dioxide and hydrogen sulfide from natural gas and refinery streams. Its unique properties make it indispensable in manufacturing detergents, emulsifiers, and various chemical products across multiple industries.

Product Specifications

Property: Purity

Value: ≥99.0%

Property: Color

Value: Clear to pale yellow

Property: Density

Value: 1.012 g/cm³ at 20°C

Property: Boiling Point

Value: 170°C

Property: Appearance

Value: Clear liquid

Property: Molecular Formula

Value: C_2H_7NO

Property: Applications

Value: Gas treatment, detergents, emulsifiers, corrosion inhibitors

GPPS 3160 – General Purpose Polystyrene

General Purpose Polystyrene (GPPS) 3160 is a crystal-clear, rigid thermoplastic polymer known for its excellent transparency, dimensional stability, and ease of processing. This versatile material offers outstanding clarity and surface finish, making it the ideal choice for packaging, disposable products, and consumer goods requiring optical quality and cost-effective manufacturing.

Product Specifications

1. **Grade**
   GPPS 3160
2. **Density**
   1.04 g/cm³
3. **Melt Flow Index**
   3.0 g/10 min (200°C, 5 kg)
4. **Transparency**
   Excellent (crystal clear)
5. **Tensile Strength**
   40–50 MPa
6. **Processing**
   Injection molding, extrusion, thermoforming
7. **Applications**
   Packaging, disposable cups, food containers, CD cases

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With us, you always get the right product. We are your reliable partner with strong sourcing capabilities and direct access to leading global manufacturers.

Our expertise and market knowledge ensure that you receive exactly what you need – reliably, efficiently, and at the best possible conditions. Additional petrochemical products are available upon request. Contact us – we deliver the right solution for every requirement.

Company Information

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