



ABAN CHEMICAL

PETROCHEMICAL TRADING & GLOBAL SUPPLY SOLUTIONS

Reliable Molecules. Verified Specifications.
Structured Global Supply Chains.



CORPORATE PROFILE

ABAN CHEMICAL is an international petrochemical trading and supply organization engaged in the structured sourcing, marketing, and global distribution of high-purity petrochemical commodities originating from certified and strategically selected production facilities across the Middle East.

The company operates under a performance-based commercial framework, integrating supply assurance, contractual governance, logistics coordination, and technical specification compliance into a unified execution model.

We function as a commercial interface between upstream production assets and downstream industrial consumers, ensuring continuous, specification-compliant material flow under internationally recognized trade and quality systems.

CORE VALUE PROPOSITION

- Structurally secured supply chains from approved origins
- International benchmark-based pricing mechanisms
- Flexible contract structures (Spot / Term / Framework)
- End-to-end export documentation and compliance handling
- Integrated global logistics coordination (bulk / tank / containerized systems)
- Strict specification adherence aligned with buyer requirements
- Independent third-party inspection (SGS / BV / Intertek / CCIC)
- Risk-managed trade execution and delivery assurance
- Long-term supply continuity frameworks

PRODUCT PORTFOLIO

ABAN CHEMICAL supplies the following base petrochemical and fertilizer-grade commodities:

- Methanol (CH₃OH)
- Granular Urea (46% N)
- Prilled Urea (46% N)
- Granular Sulfur (>99.5%)
- Anhydrous Ammonia (NH₃)
- Liquefied Petroleum Gas (LPG)
- Naphtha (Light / Heavy Cuts)

All products are delivered under contractual specifications compliant with internationally recognized industrial standards.



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1. METHANOL (CH₃OH)



Product Overview

Methanol is a versatile petrochemical feedstock produced from natural gas, widely used in the manufacture of fuels and downstream chemical products. Its high purity, efficient combustion properties, and broad industrial applications make it a strategic commodity in global energy and chemical markets.

Technical Specification		ASTM / INTERNATIONAL TEST METHODS		Description	MSDS (GHS CLASSIFICATION SUMMARY)
Property	Test Method	Property	Test Method		
Purity:	≥ 99.85 wt%	Methanol Purity	ASTM D1152	Methanol Assay	■ Appearance: Clear, colorless liquid
Water Content:	≤ 0.10 wt%	Water Content:	ASTM E203	Karl Fischer Moisture	■ UN Number: UN1230
Acidity (as Acetic Acid):	≤ 30 ppm	Density @20°C	ASTM D4052	Digital Density	■ Hazards: Highly flammable, toxic if swallowed, inhaled, or absorbed through skin; may cause blindness or death
Density @20°C:	0.791-0.793 g/cm ³	Distillation Range	ASTM D1078	Distillation Characteristics	■ PPE: Safety glasses, chemical-resistant gloves, protective clothing, respiratory protection
Appearance:	Clear, colorless liquid	Acidity	ASTM D1613	Acidity Determination	■ First Aid: Fresh air, wash skin, rinse eyes 15 min, seek immediate medical attention if ingested
Boiling Point:	64.7°C	Non-Volatile Matter	ASTM D1353	Residue Determination	■ Storage: Cool, dry, well-ventilated area away from ignition sources
Flash Point:	11°C (closed cup)	Appearance	Visual Inspection	Clear & Colorless	

Applications

Formaldehyde | Acetic Acid | MTBE | DME
Biodiesel | Solvents | Resins | Fuel blending
Chemical intermediates

Logistics & Packaging

- Delivery: FOB / CFR / CIF
- Transport: ISO Tank Container
- Chemical Tanker Vessel, Tank Truck
- Hazard Class: 3 (Flammable Liquid)
- Bulk in Tank Vessel
- 20 FT ISO Tank (~24-26 MT)
- 200 L Steel Drum (~160 KG Net)
- 1,000 L IBC Tank (~800 KG Net)

Supply Capability

≥ 150,000 MT/month

HS Code

29051100

2. GRANULAR UREA (46% N)



Product Overview

Urea Granular is a premium nitrogen fertilizer containing 46% nitrogen, designed for efficient nutrient delivery and reliable field performance. Its superior physical strength and global demand make it one of the most important fertilizers in modern agriculture.

Technical Specification		ASTM / INTERNATIONAL TEST METHODS		Description	MSDS SUMMARY
Property	Test Method	Property	Test Method		
Nitrogen (N):	46.0% min	Nitrogen	ISO 5315	Total Nitrogen	■ Appearance: White granules or prills
Biuret:	≤ 1.0% max	Biuret	ISO 2574	Biuret Content	■ UN Number: Not classified as dangerous goods
Moisture:	≤ 0.5%	Moisture	ISO 2753	Moisture Determination	■ Hazards: Low toxicity; dust may irritate eyes and respiratory tract
Particle Size:	2-4 mm (≥ 90%)	Particle Size	ISO 8397	Granule Size Distribution	■ PPE: Safety glasses, gloves, dust mask if required
Crushing Strength:	≥ 2.5 kg/granule	Crushing Strength	Internal Q Method	Granule Strength	■ First Aid: Flush eyes, wash skin, move to fresh air
Free Ammonia:	≤ 160 ppm	Bulk Density	ASTM D1895	Bulk Density	■ Storage: Dry conditions, protected from moisture

Applications

Agriculture | Urea-formaldehyde resins
Melamine production | DEF/AdBlue
Chemical nitrogen feedstock

Logistics & Packaging

- Delivery: FOB / CFR / CIF
- Transport: Bulk Vessel, Container, Truck
- Non-hazardous Fertilizer
- Bulk Shipment
- Jumbo Bag 500 KG
- 25 KG PP/PE Bag
- 50 KG PP/PE Bag
- 25 KG PP/PE Bag

Supply Capability

≥ 100,000 MT/month

HS Code

25030000

3. PRILLED UREA (46% N)



Product Overview

Urea Prilled is a highly concentrated nitrogen fertilizer known for its excellent solubility, uniform quality, and cost-effective performance. It plays a significant role in agricultural productivity and remains one of the most widely traded fertilizers worldwide.

Technical Specification		ASTM / INTERNATIONAL TEST METHODS		Description	MSDS SUMMARY
Property	Test Method	Property	Test Method		
Nitrogen (N):	46% min	Nitrogen	ISO 5315	Total Nitrogen Content	■ Appearance: White granules or prills
Moisture:	≤ 0.5%	Biuret	ISO 2574	Biuret Content	■ UN Number: Not classified as dangerous goods
Biuret:	≤ 1.0%	Moisture	ISO 2753	Moisture Determination	■ Hazards: Low toxicity; dust may irritate eyes and respiratory tract
Particle Size:	1-3 mm	Particle Size	ISO 8397	Prill Size Distribution	■ PPE: Safety glasses, gloves, dust mask if required
Solubility:	High dissolution rate	Crushing Strength	ASTM D1895	Prill Strength	■ First Aid: Flush eyes, wash skin, move to fresh air
Formaldehyde:	0.45% Max	Free Ammonia	ISO 18643	Free Ammonia Content	■ Storage: Dry conditions, protected from moisture
Appearance:	White Prills	Appearance	Visual Inspection	White Free-Flowing Prills	

Applications

Agricultural fertilizer
blending fertilizer products
Industrial chemical manufacturing
and DEF production.

Logistics & Packaging

- Delivery: FOB / CFR / CIF
- Transport: Bulk Vessel, Container, Truck
- Non-hazardous Fertilizer
- Bulk Shipment
- Jumbo Bag 500 KG
- 25 KG PP/PE Bag
- 50 KG PP/PE Bag
- 25 KG PP/PE Bag

Supply Capability

≥ 100,000 MT/month

HS Code

31021000

4. GRANULAR SULFUR



Product Overview

Granular Sulfur is a high-purity sulfur product essential for sulfuric acid production and fertilizer manufacturing. Its durable granular form ensures efficient handling and transportation, making it a key material in agricultural and industrial supply chains.

Technical Specification		ASTM / INTERNATIONAL TEST METHODS		Description	MSDS SUMMARY
Property	Test Method	Property	Test Method		
Sulfur Purity:	≥ 99.9%	Sulfur Purity	ASTM D1552	Total Sulfur	■ Appearance: Yellow granules
Moisture:	≤ 0.5%	Moisture	ASTM E203	Moisture	■ UN Number: UN1330
Ash:	≤ 0.05%	Ash	ASTM D482	Ash Content	■ Hazards: Combustible solid; dust explosion risk; burning releases sulfur dioxide gas
Particle Size:	2-6 mm	Particle Size	ASTM E11	Sieve Analysis	■ PPE: Safety glasses, gloves, dust mask
Solubility:	High dissolution rate	Appearance	Visual Inspection	Bright Yellow Granules	■ First Aid: Fresh air, flush eyes with water, wash skin

Applications

Sulfuric acid production
fertilizer manufacturing
rubber vulcanization
mining / industry / chemical processing
and agricultural soil treatment

Logistics & Packaging

- Delivery: FOB / CFR / CIF
- Transport: Bulk Vessel, Containerized Cargo, Truck
- Non-dangerous cargo
- Bulk Vessel Shipment
- 25 KG PP Bags
- 50 KG PP Bags
- Jumbo Bag 1 MT
- 50 KG PP Bags
- Jumbo Bag 1.25 MT

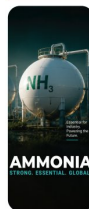
Supply Capability

≥ 80,000 MT/month

HS Code

31021000

5. ANHYDROUS AMMONIA



Product Overview

Anhydrous Ammonia is a fundamental nitrogen-based chemical and the primary feedstock for numerous fertilizer and industrial products. Its high nitrogen content and wide-ranging applications position it at the core of global agricultural and petrochemical industries.

Technical Specification		ASTM / INTERNATIONAL TEST METHODS		Description	MSDS (GHS CLASSIFICATION SUMMARY)
Property	Test Method	Property	Test Method		
NH ₃ Content:	≥ 99.8% Min	NH ₃ Purity	ISO 7103	Ammonia Assay	■ Appearance: Colorless gas with pungent odor
Water Content:	≤ 0.2% Max	Water	ASTM E203	Moisture	■ UN Number: UN1005
Oil Content:	≤ 5 ppm Max	Oil Content	ISO 7103	Oil Residue	■ Hazards: Toxic by inhalation; corrosive; gas under pressure
Iron Content:	≤ 1 ppm Max	Non-condensable Gas	ISO 7103	Gas Analysis	■ PPE: Goggles, face shield, ammonia-resistant gloves
Boiling Point:	-33.3°C	Appearance	Visual Inspection	Colorless Liquefied Gas	■ Respiratory protection
Appearance:	Colorless Liquefied Gas				■ First Aid: Immediate medical attention for inhalation exposure; flush eyes and skin with water

Applications

Nitrogen fertilizer production, ammonium nitrate and urea manufacturing, refrigeration systems, explosives, and chemical synthesis.

Logistics & Packaging

- Delivery: FOB / CFR / CIF
- Transport: Pressurized Tanker, ISO Tank
- Ammonia Carrier Vessel
- Hazard Class: 2.3 / 8
- Bulk Shipment
- ISO Tank Container
- Pressurized Tank Truck
- Cylinder (Small Quantities)

Supply Capability

≥ 50,000 MT/month

HS Code

28141000

6. LPG



Product Overview

LPG is a clean-burning energy source composed mainly of propane and butane, offering high efficiency and operational flexibility. Widely used across residential, commercial, industrial, and petrochemical sectors, it is a globally traded fuel and feedstock.

Technical Specification		ASTM / INTERNATIONAL TEST METHODS		Description	MSDS (GHS CLASSIFICATION SUMMARY)
Property	Test Method	Property	Test Method		
Propane:	30-70% & 50%-50%	Composition	ASTM D1263	Propane/Butane Analysis	■ Appearance: Colorless liquefied gas
Butane:	Balance	Vapor Pressure	ASTM D1267	Vapor Pressure	■ UN Number: UN1075
Total Sulfur:	≤ 50 ppm Max	Sulfur	ASTM D6667	Sulfur Content	■ Hazards: Extremely flammable gas; gas under pressure; frostbite hazard
Hydrogen Sulfide:	Nil	Density	ASTM D1657	Relative Density	■ PPE: Safety glasses, gloves, flame-resistant clothing when required
Water Content:	Nil	Copper Strip Corrosion	ASTM D1838	Corrosion Test	■ First Aid: Fresh air; warm frostbitten area gently
Residue on Evaporation:	100 ppm Max				■ Storage: Away from heat, sparks, flames, and sunlight
Copper Strip Corrosion:	Class 1				

Applications

Domestic cooking fuel | Industrial heating | petrochemical feedstock | autogas fuel power generation and commercial energy use.

Logistics & Packaging

- Delivery: FOB / CFR / CIF
- Transport: LPG Carrier Vessel, Pressurized Tank Truck, ISO Tank
- UN Number: 1075
- Hazard Class: 2.1
- Bulk Shipment
- ISO Tank Container
- LPG Cylinders (11 KG, 15 KG, 45 KG)
- Pressurized Storage Tanks

Supply Capability

≥ 100,000 MT/month

HS Code

27111900

7. NAPHTHA (Light Naphtha - Heavy Naphtha)



Product Overview

Naphtha is a vital petrochemical feedstock used in the production of olefins and other key chemical intermediates. Its versatility and strategic role in petrochemical refining operations with downstream manufacturing make it a cornerstone of the petrochemical industry.

Technical Specification		ASTM / INTERNATIONAL TEST METHODS		Description	Light Naphtha MSDS SUMMARY
Property	Test Method	Property	Test Method		
Density @15°C:	0.63-0.70 kg/L	Distillation	ASTM D86	Distillation Characteristics	■ H225: Highly Flammable Liquid and Vapor
Initial Boiling Point:	30-60°C	Density	ASTM D4052	Density	■ H302: May be Harmful if Swallowed and Enters Airways
Final Boiling Point:	90-140°C	Sulfur	ASTM D5453	Total Sulfur	■ H336: May Cause Drowsiness or Dizziness
Sulfur:	<50 ppm	Aromatics	ASTM D1319	Aromatic Content	■ H411: Toxic to Aquatic Life with Long Lasting Effects
RVP:	High	Flash Point	ASTM D56	Flash Point	■ Flash Point: 20°C to 5°C
Aromatics:	Low	Copper Strip Corrosion	ASTM D130	Corrosion Test	HS Code
Paraffins:	High				27101221 / 27101225

Applications

- Light Naphtha
 - Ethylene Production
 - Steam Cracking Feedstock
 - Gasoline Blending
 - Solvent Manufacturing
- HEAVY NAPHTHA
 - Catalytic Reforming Feedstock
 - Benzene Production
 - Toluene Production
 - Aromatics Manufacturing

Logistics & Packaging

- Delivery: FOB / CFR / CIF
- Transport: Chemical Tanker Vessel, ISO Tank, Tank Truck
- UN Number: 1268
- Hazard Class: 3
- Bulk Shipment
- ISO Tank Container
- 200 L Steel Drum
- 1,000 L IBC Tank

HEAVY NAPHTHA MSDS SUMMARY

- H226: Flammable Liquid and Vapor
- H302: May be Harmful if Swallowed and Enters Airways
- H315: Causes Skin Irritation
- H411: Toxic to Aquatic Life with Long Lasting Effects
- Flash Point: 30°C to 65°C

HS Code

27101290

QUALITY ASSURANCE & INSPECTION

- Pre-shipment Inspection at Loading Terminal
 - Comprehensive inspection conducted prior to loading to verify product quality, quantity, packaging integrity, and compliance with contractual specifications.
- Third-party Inspection (SGS / BV / Intertek / CCIC)
 - Independent inspection and verification services performed by internationally recognized agencies upon buyer's request.
- Certificate of Analysis (COA) Issuance
 - A Certificate of Analysis is issued for each shipment confirming compliance with agreed technical specifications and quality parameters.
- Documentation Verification Prior to Shipment
 - All commercial, shipping, and export documents are thoroughly reviewed and validated to ensure accuracy, regulatory compliance, and smooth customs clearance.

OUR COMMITMENT

We are committed to delivering high-quality petrochemical products through rigorous quality control procedures, reliable sourcing, and strict compliance with international standards.

HS CODE SUMMARY

Product	HS Code
Methanol	29051100
Granular Sulfur	25030000
Urea Granular	31021000
Urea Prilled	31021000
Anhydrous Ammonia	28141000
LPG	27111900
Naphtha	27101290

GLOBAL LOGISTICS & ADVANTAGE

- Verified & Trusted Producers
 - Source materials from reputable manufacturers and suppliers, ensuring consistent product quality, safety, and long-term business continuity.
- On-time & Secure Delivery
 - Efficient logistics planning and execution to ensure timely and secure delivery of goods to customers.
- Global Shipping Network
 - Extensive experience with leading shipping lines, major ports, and regional carriers, ensuring reliable and cost-effective global reach.
- Competitive & Transparent Pricing
 - Market-driven pricing structure with full transparency, ensuring cost efficiency and long-term value for customers.
- Long-term Business Partnership
 - Committed to building sustainable relationships through reliability, flexibility, consistent performance, and customer-focused service.

OUR ADVANTAGE

Integrated sourcing, global logistics expertise, verified suppliers, and dedicated customer support provide a seamless and dependable supply experience for our international partners.

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