AL TANMIA CHEMICALS LLC

QUALITY, HEALTH, SAFETY, AND ENVIRONMENT SYSTEM

Company Profile

ROLE	NAME	SIGNATURE	DATE
PREPARED BY	MR. ADHMED AL RABAIAI		13/10/2025
APPROVED BY	MR. FAISAL AL HAJRI		13/10/2025

1. REVISION AND APPROVAL

Rev.	Date	Nature of Changes	Approved By
00	06 Oct 2025	Original issue.	**MANAGING DIRECTOR**

Tanmia Chemicals

Serving Molecular Resilience



Al Tanmia Chemicals LLC
Sultanate of Oman

Who we are

Tanmia Chemicals is an Omani enterprise founded by seasoned chemical industry experts with extensive commercial and technical experience. The company is deeply rooted in delivering customised chemical solutions for the Upstream, Midstream, and Downstream sectors of the oil and gas industry, positioning itself as a trusted partner across the Chemical Industry value chain.

Tanmia Chemicals offers a comprehensive portfolio that includes commodity and speciality chemicals, as well as bulk commodities and solvents, tailored to meet the evolving needs of industrial clients. With a strong foundation in blending technologies, technical advisory, and supply chain reliability, Tanmia is committed to drive innovation, operational efficiency, and client success across the region and beyond.



What we do – Cargo Treatment

- ✓ Manufacture and supply finished fuel additives.
- ✓ Tailor- Make the products to suit the requirements.
- ✓ Blend/Dope the product with specialized skids and injection systems.
- ✓ Support fuel trades to develop a cost-efficient blend.
- ✓ Effective solutions to treat cargo specification challenges, including the inspection, testing and treatment of petroleum, chemical and refined product cargos.
- ✓ Resolving cargo specification supply and trading challenges in the shortest time possible.
- ✓ Professional and effective cargo treatment services for off-specification petroleum and refined products.
- ✓ Ready Cargo treatments for Fuel oils, fuels and other bulk refined cargos which do not meet trade specifications.

What we do – Oil & Gas

- ✓ Cater Upstream drilling chemical requirements of Service companies and E&P operators
- ✓ Tailor- Made products for Cementing, Stimulation and Fracking requirements.
- ✓ Bulk commodity and Solvent supply
- ✓ Refinery process chemicals, Catalysts and Adsorbents
- ✓ Effective solutions produced water and Industry water treatment applications
- ✓ Process filtration and separation solutions
- ✓ Membranes and dosing equipment
- ✓ Gas treatment chemicals

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Water Treatment Chemicals

Solutions for a Cleaner and Sustainable Tomorrow

1. Commodity Chemicals for Desalination and Water Treatment Plants
2. HVAC Chemical Treatment for closed and Open Cooling systems compliant to project specifications- Tailor Made
3. Supply, Testing and Commissioning of Automatic Chemical dosing systems and equipments
4. Supply testing, installation and Commissioning of Filtration and Disinfection Systems
5. Blowdown recycling plants with UF, RO including Polishing Plant
6. Sewage Treatment Plants
7. Flushing Equipments



Bulk commodities & Solvents

Tanmia Chemicals offers a robust portfolio of bulk commodity chemicals and solvents to support critical operations in upstream oilfield services and broader industrial applications.

Our products include chemicals for Shale control, well control, fluid loss and loss circulation needs. We also supply solvents for coil tubing and stimulation applications

Our Products

- ✓ Calcium Chloride
- ✓ Soda Ash dense
- ✓ Magnesium Oxide
- ✓ Mutual Solvents
- ✓ Xylene
- ✓ Caustic Soda
- ✓ Calcium Carbonate
- ✓ TEG
- ✓ MEG
- ✓ DEG
- ✓ MDEA
- ✓ MEA
- ✓ Potassium Chloride
- ✓ Barite 4.1 & 4.2
- ✓ Sodium Gluconate
- ✓ Methanol
- ✓ Cloud Point glycols
- ✓ Polyamine Shale Inhibitors
- ✓ High-performance lubricants
- ✓ Cenosphere
- ✓ Silica sand
- ✓ Silica Flour
- ✓ Specialty LCMs
- ✓ PAC LV
- ✓ CMS
- ✓ Sulphonated Asphalt
- ✓ Drilling Starch
- ✓ Acetic Acid
- ✓ Guar Gum
- ✓ Xanthan Gum

Process Chemicals

Tanmia Chemicals offers a robust portfolio of Process chemicals and separation equipments

Our products and solutions offer comprehensive support to refinery operations, including technical support through our global partners

Our Products

Catalysts & Adsorbents

- Activated alumina - Catalysts
- Activated Carbon
- Molecular Sieves

Process Chemicals

- Chemicals: Biocides, Corrosion & Scale Inhibitors
- Perchloroethylene
- Lubricity Improvers

Water Treatment

- Chemicals: Antiscalants, Coagulants Flocculants & HVAC Chemicals
- Water treatment equipment such as RO, UF, UV, Filtration and Chemical dosing Systems
- Flushing Equipment

Filters

- Gas-Liquid Separations
- Solid-Liquid Separations.
- Liq-Liq Separations.
- Hydrocarbon Recovery
- Gas-Particle Separation

Refinery Processes Chemicals

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Our refinery process chemicals are engineered to support critical operations across all major refinery units–ensuring cleaner runs, reduced downtime, and enhanced equipment protection throughout the refining cycle.

Refinery process chemicals designed to enhance operational efficiency, prolong equipment life, and maintain process stability across diverse refinery units. Our product line includes **demulsifiers** to separate water from hydrocarbons in distillation units, **solid wetting agents** for better residue handling, and **overhead corrosion inhibitors (OVHD CI)** alongside **neutralizing agents** to protect overhead systems from corrosive vapors. We also supply **antifoulants** to reduce fouling in heat exchangers and process lines, **nickel passivators** and **salt dispersants** for metal and salt control in FCCU units, and specialized **antifoams** for amine systems and visbreakers. Additionally, we offer **custom-made chemical solutions** tailored to specific refinery needs, ensuring adaptability and performance across CDU/VDU columns, FCCUs, hydro treaters, and other critical processing units.

PRODUCT	UNIT TYPE			
	CDU/VDU/ Distiliation Columns	FCCU/RFCCU/ COKER	Hydro Treaters	Other Processing Units
Demulsifier	✓	✓		
Solid wetting agent		✓	✓	
OVHD CI				✓
OVHD loop Neutralizing agent		✓		
Antifoulant		✓	✓	
Nickel Passivator	✓		✓	
Salt Dispersant	✓			✓
Antifoam – Amine Units			✓	
Antifoam – Coler/Visbreaker		✓		✓
Other custom made products				

Light, Middle & Heavy distillate products

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Tanmia Chemicals offers a specialized portfolio of fuel additives and treatment solutions tailored to enhance the performance, compliance, and value of various fuel types including gasoline, diesel, fuel oil, and heavy oil.

Our products include Octane and Cetane Boosters to improve combustion quality, Corrosion Inhibitors and H_2S Scavengers to protect infrastructure and meet safety standards, and Lubricity Additives, CFPP, and PPD to ensure fuel reliability in varying climates. Additional solutions such as Antioxidants, Dyes, Anti-sediment, Dehazers, and Ash Reduction agents help refine product quality and resolve specification challenges across the fuel supply chain. This comprehensive range ensures clients achieve optimal fuel performance and operational efficiency.

Our Products

	FUEL TYPE			
	Gasoline	Diesel	Fuel Oil	Heavy Oil
Octane Boosters	■			
Cetane Boosters	■			
Corrosion inhibitors		■		■
MFA	■	■		
Lubricity additives	■		■	■
CFPP		■	■	
Anti-sediment	■	■		■
H_2S Scavengers	■	■		■
PPD	■		■	
Antioxidants	■	■	■	
Dyes		■		■
Mercaptan scavanger	■	■	■	■
Ash reduction			■	

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Our offering for Diesel Additives and Gasoline octane boosters includes:

Diesel Additives

- Lubricity additive – Organic acid-based product
- Lubricity additive- Ester-based product
- Antisediment- reduces sediment formation with the ageing of fuel

Gasoline boosters

- Metallic boosters – Iron and Manganese-based products
- Oxyboosters – Ethers
- Non-Oxy and Non-Metallic boosters
- Boosters with gum control

What makes us unique?

Case study 1

Gasoline upgradation

- **Issue**: A significant fuel trader in the GCC has an issue with maximizing SR Naphtha in Mogas 95 and was selling additional Naphtha at a discounted price.
- **Solution**: We provided an optimized blending model with boosters and additional components.
- **Result**: Customer was able to blend lean components, increasing SR naphtha by additional **4 to 8%** resulting in additional financial saving and also getting additional profits as premium for M 95.
- **Financial outcome**: Customers were able to make an additional profit of **$ 800 K** to **$ 1.4 M** per 1MR cargo.



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Case study 2

Gasoline upgradation Non-Oxy and Non-Metallic Cargo

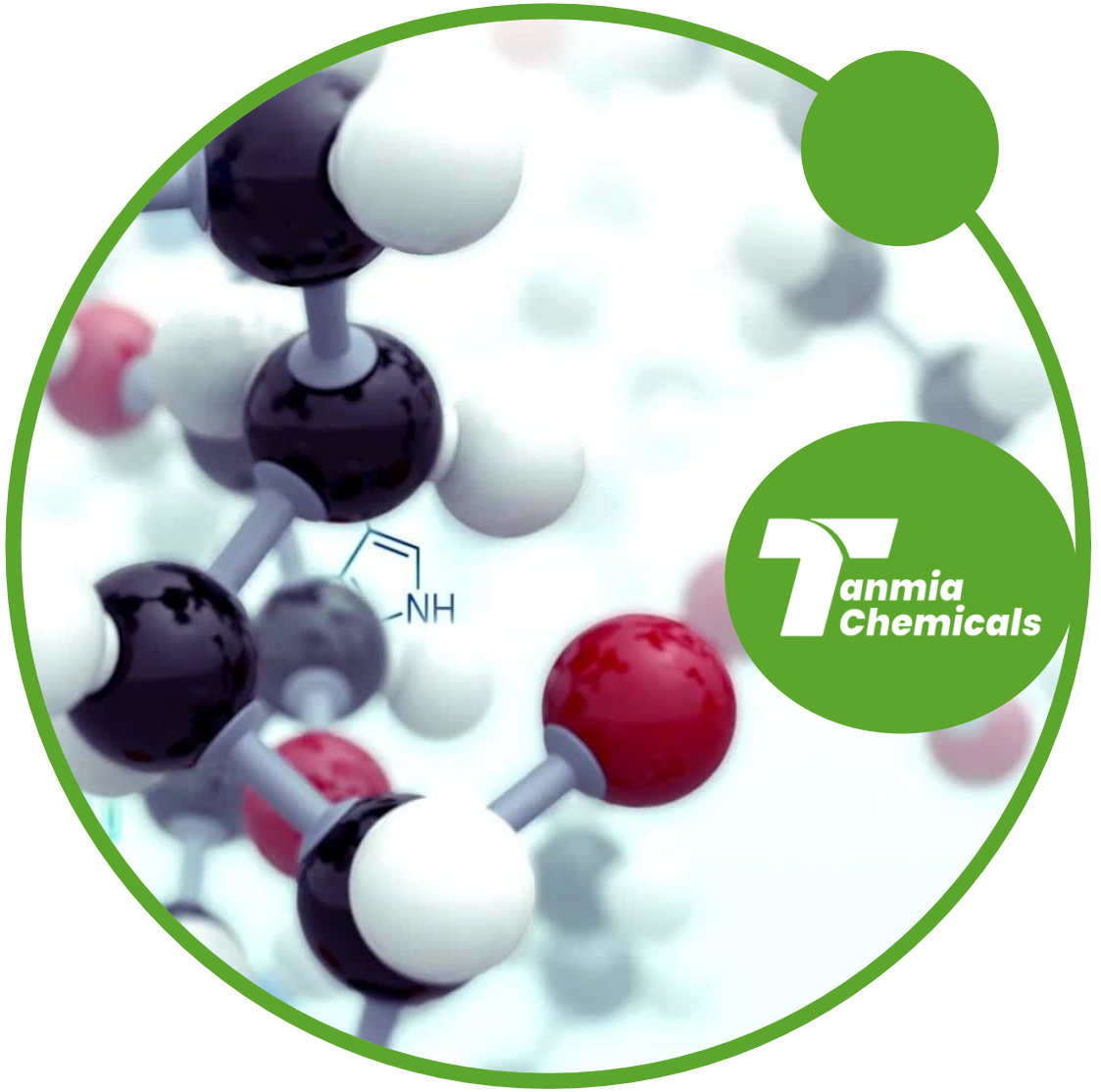
- **Issue**: A major oil producer in GCC has an issue with blending non-oxy and non-metallic cargo of Mogas 92 and ended up trading the cargo from other traders.
- **Solution**: We provided no-oxy and non-metallic boosters, enhancing the refiner to produce M 92 batches.
- **Result**: The oil trader was able to supply significant quantities of Mogas 92 produced at a cheaper cost.
- **Financial outcome**: Customers were able to make an additional profit of **$ 800 K** to **$ 1.2 M** per 1MR cargo.



Case study 3

Gasoline upgradation - Maximizing pyrolysis components

- **Issue**: A major oil trader in the GCC has an opportunity to blend Pygas at a discounted barrel. However, there are issues of Gum formation and Naphtha maximization.
- **Solution**: We provided a formulated booster which can reduce the gum formation and enhance the outcome .
- **Result**: The oil trader was able to supply significant quantities of Mogas 92 produced at a cheaper cost.
- **Financial outcome**: Customers were able to make an additional profit of up to **$ 1 M** per MR cargo.



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Case study 4

High-efficiency Lubricity additive

- **Issue**: A major ULSD trader has an issue with achieving a WSD of less than 460 um and using higher dosages of Lubricity improver to achieve the specs.
- **Solution**: We provided a high concentration product which worked at less than 100 PPM, resulting in lesser additive consumption.
- **Result**: Dosage has reduced significantly.
- **Financial outcome**: Customers were able to dose <100 PPM for LA resulting in saving of **upto 30% of total product requirement**.



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Thank You!

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