



A SUBSIDIARY OF
ROSSARI BIOTECH LIMITED

ROSSARI
making you more competitive



Cleaner Energy Starts with Smarter Chemistry

Advanced gas treating solutions,
tailored to your operational needs.

Rossari Biotech Limited

Touching the lives of billions daily, delivering value as one of
India's largest specialty chemical manufacturers.



Gas Treating Products & Solutions

Consistent purity, reliable supply, and precision-engineered chemistries that keep your operations running efficiently and compliant with global benchmarks.



KEY STRENGTHS



INDUSTRY - LEADING PRODUCTION CAPABILITY

One of India's largest producers of ethanolamines and MDEA-based gas treating solvents, with a dedicated installed capacity of 20,000 MTPA.



HIGH-PERFORMANCE FORMULATIONS

High-purity MDEA and advanced specialty blends engineered for efficient acid gas removal across natural gas and refinery systems.



ADVANCED MANUFACTURING EXCELLENCE

Continuous, state-of-the-art production supported by stringent process controls, energy-efficient operations, and full environmental compliance.



RELIABLE SUPPLY CHAIN ADVANTAGE

Strategic proximity to critical feedstocks, including ethylene oxide, ensuring dependable sourcing, consistent quality, and uninterrupted supply.

Amine Solutions Portfolio

Proven, industry-standard chemistries for dependable acid gas removal across a wide range of operating conditions.

MEA | DEA | DIPA | MDEA

Advanced MDEA-Based Specialty Solvents

Next-generation, performance-enhanced formulations developed to overcome the limitations of conventional systems and deliver superior operational outcomes.

ROSSOL®: AGS Series | AGC Series | AGM Series | AGF Series

WHY UPGRADE TO MDEA-BASED SPECIALTY SOLVENT?

Enhanced MDEA performance

Improves efficiency of conventional MDEA systems.

Higher absorption and selectivity

Ensures more efficient and precise acid gas removal.

Promoted and activated blends

Accelerates reaction rates and enhances performance.

Lower energy, better operability

Reduces regeneration energy with smoother operations.

By integrating advanced solvent chemistry with application-focused design, Rossari Biotech Limited addresses evolving acid gas treatment challenges and delivers consistent, reliable performance across a wide range of gas treating applications.



Sour gas management in refinery processing units



Tail gas clean up for sulphur recovery units



Acid gas enrichment in gas processing unit



Natural gas processing and LNG feed conditioning



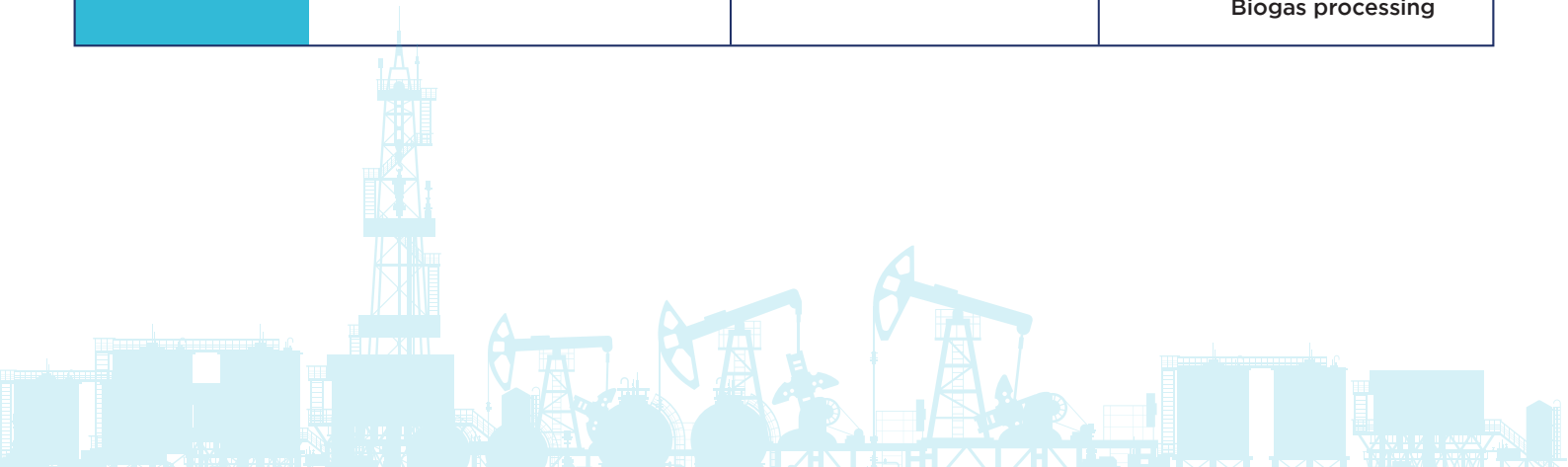
Ammonia synthesis gas purification



Flue gas treatment for emissions control and carbon capture

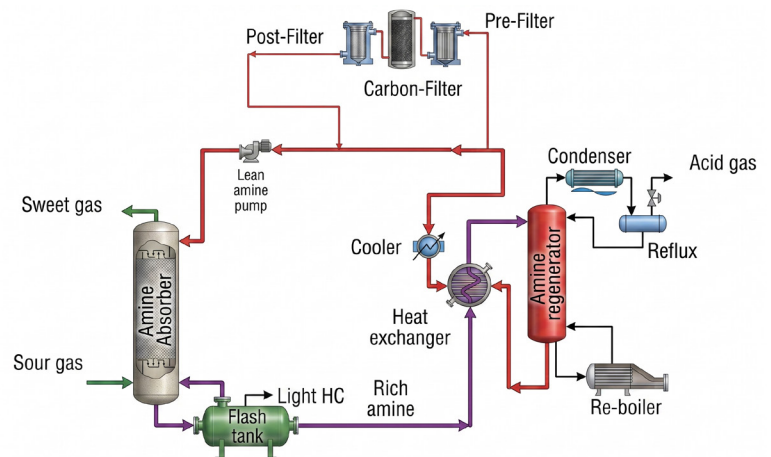
Specialty Amines for High-Efficiency Acid Gas Removal.

Product	Core Advantage	Gas Components Addressed	Primary Applications
ROSSOL® AGS	Selective H ₂ S removal	H ₂ S	Refineries and petrochemicals Natural gas sweetening Tail gas treatment units
ROSSOL® AGC	Deep and bulk acid gas removal	CO ₂ , H ₂ S	Natural gas sweetening Ammonia synthesis gas LNG pretreatment
ROSSOL® AGM	Comprehensive acid gas control	CO ₂ , H ₂ S, Mercaptans	Highly sour gas fields Heavy hydrocarbon streams
ROSSOL® AGF	High efficiency at low pressure	CO ₂	Flue gas treatment Steel and cement plants Biogas processing



Optimising Gas Treating Performance with Rossari Biotech Technical Services.

- Amine selection and process studies.
- Amine analysis and performance recommendations.
- Simulation for steady-state modelling and energy optimisation.
- Equipment sizing and engineering support.
- Commissioning, troubleshooting, and process optimisation.
- End-to-end support for HSS removal systems.
- Advanced analysis to improve amine health and system performance.



ROSSARI BIOTECH LIMITED

(An ISO 9001:2015 & 14001:2015 & GMP Certified Company)

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