



Sterling Auxiliaries Pvt. Ltd. is a chemical manufacturing company, part of the global Artek Surfin Group. Sterling manufactures a wide range of Ethylene Oxide - based chemicals at a production site in Dahej, Gujarat. Largest manufacture of MDEA and MDEA based specialty solvents in INDIA. One of the largest producer of Alkanolamines and MDEA based gas treating products with 30,000Mt capacity per annum.

Dedicated manufacturing facility to ensure reliable supply and availability.



**Sterling
Gas Treating**

Products

GENERIC AMINE SOLVENTS

MONOETHANOLAMINE

DIETHANOLAMINE

METHYL DIETHANOLAMINE

DIISOPROPANOLAMINE

SPECIALTY SOLVENTS

FORMULATED MDEA SERIES

MDEA BASED STEROSOL SOLVENTS



APPLICATIONS:

NATURAL GAS PLANTS

OIL REFINERIES

LNG/LPG PLANTS

FERTILIZER PLANTS

STEEL PLANTS

HYDROGEN PLANTS

ADVANTAGES OF STEROSOL SOLVENTS:

Sterisol solvents are MDEA based specialty solvents designed to meet a variety of specifications in gas treating for CO₂ and H₂S acid gas removal.

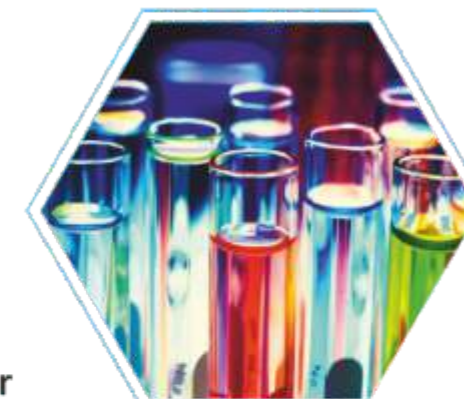
These solvents are effective due to low heat of reaction, ability to remove low level of H₂S and deep CO₂ removal, easier to regenerate, lower lean loadings, lower solvent circulation rates, no formation of degradation products from the reaction with acid gases, increased acid gas processing ability and environmental friendly and biodegradable.

Our Technical and laboratory experts assist you to maintain a high level of performance.

TECHNICAL SERVICES

Sterling offers services relevant to Acid Gas Sweetening including

- Plant Designs, reliability, and cost-effective operations
- Amine Unit process reviews - Process simulations, Grassroots and unit revamps/modifications process design to improve capacity/reliability, Process flow diagrams, Mechanical flow diagrams, Material of construction (MOC) and Technology Selection
- Diagnosis of amine plant foaming,
- Particulate contamination control,
- Fouling in absorber and regenerator,
- Sample analysis interpretation,
- Failure to meet treating specifications,
- System Hydraulics of Absorber and Regenerator, Heat Exchanger duties, Pump capacities etc.



LABORATORY SERVICES

Free sample analysis, once in every quarter for one year after initial purchase along with our interpretation and recommendations.

Analytical Tests:

- Amine Concentration
- CO₂ and H₂S loading
- Heat Stable amine salts
- Corrosion Coupon Test
- Metals by Inductively Coupled Plasma
- Anions by Ion Chromatography
- Foam Test

OPERATIONAL SERVICES

Training of Operation Staff and Laboratory staff proper to start – up of Unit

Troubleshooting:

- Assistance in Acid Gas Removal unit cleaning
- Establishing KPI (Key Performance Indicators)
- Commissioning activities including "Performance Test".
 - Start-up activity
 - Shut-down activity

GLOBAL NETWORK



NOTES

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GAS TREATING PRODUCTS & SERVICES