



Where is your MDEA going?

Stop your losses and start saving with MDEA Gas Treating Systems from Arkema

Whether you're losing money due to excessive foaming, heat stable salts or CO₂ in your amine system, Arkema has the technology to address typical problems plaguing gas treating facilities.

As a world-class chemical company, Arkema offers a choice of MDEA products, computerized diagnostic programs, and expert services to address system problems and save you money. Our technology has saved many refineries **hundreds of thousands of dollars** a year by reducing losses and eliminating foaming.

- Computerized diagnostic systems identify performance robbing parameters
- In most cases, our MDEA products **do not** require investment in additional equipment
- Savings continue due to reduced corrosion, foaming losses, and amine make-up
- Comprehensive technical assistance and expertise

For more information contact
Arkema

800-628-4453

www.e-OrganicChemicals.com

*Please see the other side of this sheet for
more information.*



MDEA – Proven Technology for Gas Treating Systems

The benefits of MDEA in gas treating are well understood. Most notable are:

- Higher absorption capability and selectivity for H₂S as compared with other amines.
- Increased acid gas scrubbing or sweetening capacity and lower circulation rates.
- Lower operating temperature for additional economies not available with other systems.

World-Class

As a global chemical company, Arkema has been supplying refineries with chemical products and processing aids for decades. Over the years we have developed a simple, yet effective approach to gas treating systems offering:

- Low cost
- Flexibility
- Improved efficiency
- Increased capacity
- Reduced losses
- Reduced corrosion, foaming, Heat Stable Salts
- Cost savings

Our specially formulated MDEAs are designed to address such specific operating problems as Heat Stable Salts, foaming, and CO₂ accumulation. They include:

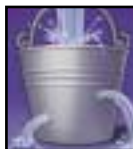
MDEA-ACT- An activated MDEA-based solvent developed for high efficiency CO₂ removal in natural gas, synthetic gas and sponge iron applications. It is formulated to minimize or eliminate foaming and corrosion in amine units

MDEA-LF - A formulated “Low Foaming” MDEA solvent that minimizes foaming without carbon filtration. Losses due to foaming are typically reduced by 25 to 40% compared to other MDEA products. This product selectively removes H₂S in the presence of CO₂ allowing CO₂ to slip through the system.

MDEA-HST - A formulated “Low Foaming” MDEA solvent, developed for high capacity sulfur removal from refinery gas and liquid streams. This product selectively removes H₂S in the presence of CO₂. In addition, this product is formulated to be resistant to degradation and buildup of Heat Stable Salts (HSS).

Custom Engineering - Arkemas’ MDEA products and services are designed to address the typical as well as unusual difficulties in gas treating systems. Any of our formulas can be modified to custom fit your needs.

The sooner you start using MDEA products and services from Arkema, the sooner you start saving.



For more information contact Arkema.

phone: 1.800.628.4453 • fax: 1.215.419.7944 • www.e-OrganicChemicals.com

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