



Your sales and distribution point is close to you.

Highest DEF Quality from Secure Sources:



Your DEF Solution.



Air1® is a registered trademark of Yara International ASA. Produced by Yara.



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Driving for cleaner air.



Current Emission Standards

Nitrogen oxide emissions in heavy-duty vehicles are being reduced further by the introduction of the new emission standards in the states. The last stage of the Clean Air Act will be implemented in the US beginning January 2010. This requirement to reduce emissions will start with the 2010 models.

To comply with these emissions, vehicle manufacturers are introducing vehicles equipped with Selective Catalytic Reduction (SCR). A new product called DEF is used with the SCR technology to reduce the emissions from the exhaust gas of the vehicle.

DEF is available from Air1 who provide professional, state-of-the-art and flexible DEF solutions. Air1, the market leader in Europe where SCR vehicles have been widely adopted, is now available in North America.

Why Choose SCR with DEF?

DEF is a high-pure urea solution that chemically changes harmful nitrogen oxide (NOx) emissions from heavy-duty diesel vehicles into harmless nitrogen and water. It works with the vehicle's SCR technology, which has been chosen by almost all American Diesel Engine Manufacturers to meet the new NOx emission Standards.

Making the choice of SCR with the reagent DEF is certain to yield significant cost-cutting effects in terms of fuel consumption. Diesel consumption can be reduced by up to 6%. In addition, less maintenance with the SCR will make this a cost efficient option.

DEF is injected into the exhaust system of the catalyst. It is neither a fuel nor a fuel additive. It is not hazardous or harmful to the environment.

Having been a pioneer of the DEF market in Europe, Air1 brings all the expertise and knowledge US and Canada operators need to get started.

Premium quality DEF produced by the world's leading producer

Yara is the leading DEF producer in the world. Our Sluiskil plant in the Netherlands, is the largest single DEF plant in the world. A unique supply chain guarantee for Air1 customers across major cities in the US has been created through our partnership with Mansfield Oil, the largest fuel distributor in the US.

Yara's expertise in urea production is backed by over a century of experience. With this knowledge we contributed towards setting the high standard specification required for DEF, a high purity urea solution. The DEF we produce comes from a hot melt prime urea solution, giving it a level of unmatched purity. Product traceability ensures that there is no risk of contamination. Our strict health and safety procedures guarantee that the Air1 product maintains its integrity as all ISO guidelines are adhered to throughout the production and shipping process. Each batch is verified so you can rest assured that your vehicle's catalyst will not be damaged by inconsistent product quality.

Monitoring the supply chain from plant to truck

Air1 is the only DEF solution that monitors the complete chain directly from their produc-

tion plants to the operators heavy-duty vehicles to ensure a premium quality product and complete service offer. This globally controlled supply chain gives Air1 the flexibility to smoothly direct surplus supply from one region to another to meet customer demands.

Expertise close to you

In the US, Air1 is distributed by Mansfield Oil and is available from multiple distribution points across the entire country. Mansfield Oil network is unrivalled to ensure that end-users do not run out of DEF.

Air1 technicians are available locally with dedicated DEF expertise to support each installation. They are on call to answer all your questions.

The chosen partner of major truck manufacturers and oil majors

Air1 is available at public filling stations, truck stops, automatic filling stations and truck dealerships. It is the choice of leading oil majors, truck manufacturers and the largest fleets, offering bulk distribution in operating centers, commercial terminals and across retail networks. Air1 is already present in over 1000 sites in Europe, Asia, Australia and North America.

Yara has been in the NOx abatement business for several

decades and has pioneered the DEF market in Europe, by choosing Air1 you are gaining expertise and knowledge.

Complete solutions to meet your DEF needs

The Air1 brand encompasses a full range of related storage and dispensing equipment, which means our customers receive the most efficient, cost-effective DEF solution available to meet their individual requirements. This includes bulk solutions for operating centers and commercial terminals, and also IBC's (Intermediate Bulk Containers), drums and bottles.

Whether it is bulk solutions for operating centers, large truck/bus fleets, and retail outlets, or smaller solutions at the terminals with IBCs, drums and bottles, Air1 brings the solution that meets an operator's needs.

Air1 offers installations of tanks and dispensing systems as a service to its customers at their terminals or retail outlets.

In addition, Air1 can provide customized service packages to cover all needs; technical support for installation and maintenance, operational instruction, flexible financing packages and telemetry.