



What is DEF?

Diesel Exhaust Fluid (DEF) is a very pure, aqueous, solution of urea which meets the automotive industry specification defined by ISO 22241. It is a clear liquid similar in appearance to water.

DEF is safe to handle and use; it is not explosive, flammable, toxic, or subject to any hazardous product regulations. The product can be purchased in 1 Gallon and 2.5 Gallon Bottles, 55 gallon Drums, 275 gallon and 330 gallon Intermediate Bulk Containers (IBCs) and can also be supplied in bulk by road tanker.

Storage facilities can be tailored to suit customer needs allowing for the usual precautions to prevent spillage into nearby drains and watercourses. DEF has an official shelf life of 12 months if the stipulated storage conditions are observed. However, DEF that has been stored for longer than 12 months may still be perfectly usable and simply needs to be analyzed to check that it still conforms to the DEF specification. Yara has formed a partnership with Recochem, Canada's most experienced automotive packaging and distribution experts, to ensure a guaranteed supply of DEF throughout Canada under the brand name Air1®. Air1® is a unique concept developed by Yara to ensure a secure supply of the high-quality DEF needed in your Selective Catalytic Reduction (SCR) system.

Air1® is increasingly available at truckstops, commercial terminals, heavy-duty aftermarket retailers and most major truck manufacturers' dealerships. Yara's partnership with Recochem, offers you the most efficient and economic DEF supply. With a comprehensive distribution network, Air1® is never far away from your site. Air1® can also offer tank level monitoring using telemetry, technical services, operator instruction and flexible financing arrangements.



For further information please contact the Air1® team at: 877-810-4 DEF (333) or visit our website: www.air1def.com

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



Your DEF Solution.



Equipment & Accessories



Recochem Inc.
Your Partner in Formulating Solutions
Votre partenaire branché sur les solutions



Your DEF Solution.



Commercial Storage

Base Model, Open System Hand Crank Pump Dispensing Solution

Economic manual hand crank pump with bung adapter. Ideal for low volume needs and recommended for drum usage.

Premium – Open System Dispensing Solution (Flux Industrial)

Heavy duty industrial variable speed electric motor with 10 feet industrial grade EPDM hose. Stainless steel automatic shut-off dispensing nozzle. Flow rates are up to 10 gallons per minute and the unit includes a bung adapter and a one-year warranty. Ideal for low-to-moderate volume needs; recommended for drum or totes usage.

Entry Level – Open System Dispensing Solution (Flux Junior)

Economical electric motor with 8 feet of PVC hose. Includes a plastic dispensing nozzle. Flow rates up to 5 gallons per minute. Includes a bung adapter and a one-year warranty. Ideal for low volume needs; recommended for drum usage.



Hand Crank Pump



Flux Industrial



Flux Junior

Closed System Dispensing Solution (PIUSI)

High quality 110v stainless steel, self-priming centrifugal pump that's ideal for "closed system" applications providing the highest level of contamination protection. Compatible with the Micro Miatic EPV system and includes in-line resettable flow meter, multiple mounting options: (side mount and wall mount), rapid connect/disconnect, 20 feet industrial grade EPDM hose, and stainless steel automatic shut-off dispensing nozzle. Flow rate up to 10 gallons per minute. Includes a one-year warranty.



Retail Storage

Retail Air1® and Commercial Storage and Dispensing Systems

Proven, reliable, state-of-the-art design and technology and compatible with most major weights & measures approved dispensers, card reader and POS systems. Insulated fiberglass shell minimizes hot & cold weather fluctuations and available in 800-gallon, 1,000-gallon and 2,000-gallon capacities. Units are pre-wired for quick and easy turn-key installation and include: bottom fill-port with stainless steel dry connect, inventory level display and secondary containment & overflow protection. All systems meet and exceed ISO 22241 standard for storage & dispensing of Air1® and are environmentally safe.

Insulated Tote Cabinet

Weather proof enclosure protects pump, tote and equipment during inclement weather. Light weight with insulated walls, doors and roof made of insulated foam panels (R-7 rating). Vented cabinet prevents condensation buildup and vacuum pressure when opening door. Pre-Wired light with on/off switch and receptacle meets NFPA and NEC requirements.

Heavy-duty, locking doors – tote and dispenser doors can be locked for additional security. All latches, hinges and hardware are stainless steel and will not rust or corrode. The reinforced chassis is two-way forklift-compatible frame will accommodate up to 330-gallon tote with bolt-down design that protects against strong winds and seismic code.

Requirements include a protective kick plate that prevents forklift damage to back panel when transferring totes and the small dispense door for driver use will prevent loss of heat. Decal package and driver instructions are also required and the unit is available in three footprint designs: standard, narrow (for fuel island applications) and double-wide. Optional equipment available includes heater and/or a/c unit with thermostat, automatic on/off light switch and hose reel.



PIUSI



Tote Cabinet

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