



PRODUCT DATA SHEET

# DRYDENE DIESELALL® DEF

DIESEL EXHAUST FLUID



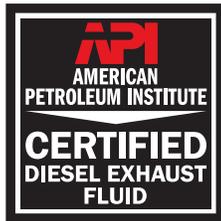
## PRODUCT DESCRIPTION

**DRYDENE DIESELALL® DIESEL EXHAUST FLUID** is a premium mixture of 32.5% ultra-pure urea and 67.5% deionized water designed for use in Tier 4 and previous generation Selective Catalytic Reduction (SCR) emission systems. It meets all requirements of the ISO 22241-1 specification.

In 2010, the EPA introduced stringent regulations that required diesel engine vehicles to significantly reduce the level of harmful NOx emissions and particulate matter. Diesel exhaust fluid (DEF) chemically reduces NOx emissions by converting them to harmless nitrogen and water by way of injection directly into the engine exhaust stream before the SCR catalyst.

**DRYDENE DIESELALL DIESEL EXHAUST FLUID** is colorless, non-flammable and non-toxic to humans and animals.

It is recommended for use in most 2010 and later on-road and off-road diesel trucks, cars and stationary diesel engines requiring 32.5% DEF.



According to the EPA, since the introduction of diesel exhaust fluid (DEF), hazardous emissions have decreased more than 40%. Corporate, government and municipality fleet vehicles and over-the-road diesel trucks utilizing def have had the greatest single impact on this number. RelaDyne is fully committed to the reduction of environmentally hazardous emissions for future generations with our Drydene DieselAll DEF.

## STORAGE AND HANDLING

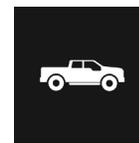
**DRYDENE DIESELALL DIESEL EXHAUST FLUID** is corrosive to certain metals including aluminum, copper and copper alloys, carbon and zinc coated carbon steels, lead and magnesium.

It is recommended to use 304 stainless steel, titanium, or additive free polypropylene, polyethylene, PFA, PFE, PVDF or PTFE.

The product should be stored between 12° and 86°F for maximum shelf life and performance.

## PHYSICAL PROPERTIES

PROPERTY	DIESEL EXHAUST FLUID
Urea content (% m/m)	31.8 - 33.2
Density @ 20 °C (kg/m <sup>3</sup> )	1087 - 1093
Refractive index @ 20 °C	1381.4 - 1384.3
Alkalinity as NH <sub>3</sub> (% m/m)	<0.2
Crystallization point (°F)	12
Appearance	Clear liquid
Odor	None to slight ammonia
Evaporation rate	<1



This product is not expected to have any adverse health implications when used for its intended purposes. Always wear protective gloves when handling used oil and dispose of properly. Avoid contact with skin and wash immediately with soap and water should any contact occur. Always follow manufacturers recommendations for fluid viscosity and service category. RelaDyne assumes no responsibility for product misuse or improper application. For a copy of this product's Safety Data Sheet (SDS), visit [www.DRYDENE.com](http://www.DRYDENE.com) Rev (0322-01)



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