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Product Information

Page 1 of 1

UNIVERSAL DIESEL EXHAUST FLUID

Approved for use in all diesel SCR systems

Product Description

Universal Diesel Exhaust Fluid is a mixture of 32.5% synthetic urea and 67.5% deionized water. It is used in SCR, Selective Catalytic Reduction, systems with diesel engines. DEF is the primary ingredient used to help convert NO_x to harmless nitrogen and water. Universal DEF is stable, colorless, non-flammable, non-toxic, and is classified as minimum risk for transportation. Universal DEF conforms to the ISO-22241-1 specification for DEF, is API registered, and meets or exceeds engine OEM specifications.

Handling and Storage Recommendations

Shelf life of Diesel Exhaust Fluid is directly related to the temperature at which it is stored. Storage temperature between 12° and 86°F is recommended to maintain optimal shelf life of up to two years. If Universal DEF freezes, its chemical properties will not be affected after thawing. DEF is easily contaminated. Proper care should be taken to prevent contamination. Do not use any other equipment, such as funnels or oil containers for refilling DEF. ISO-22241-1 standards should always be followed.

Physical and Chemical Properties

Boiling point	>212°F
Crystallization point	12°F
Pounds/Gallon	9.09
Specific gravity	1.09
Vapor density	0.6 H ₂ O>1
Water solubility	100%
Appearance	Colorless, clear liquid
Evaporation rate	<1

Packaging Details

Case UPC code	10-858333-00311-6
Unit UPC code	8-58333-00311-9
Units/Case	2
Weight case	49 lbs.
Weight 2.5 gallons	23.65 lbs.
Case dimensions	19"x10"x10"
Cases per pallet	40
Gallons per pallet	200
Pallet weight	1950 lbs.
Cases per truckload	880
Pallets per truckload	22
Gallons per truckload	4400

Universal Oil Item Number 16 50 01 A

Refer to Universal Oil's Material Safety Data Sheet (MSDS) 16 50 01 A for additional information.

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