

Golden West

Superior Since 1929™

Golden West offers high-quality products that meet or exceed manufacturer's specifications at the most economical prices.

P R O D U C T S P E C I F I C A T I O N S

Data Sheet: Golden West DEF (Diesel Exhaust Fluid)



Available:



2.5 Gal. Jugs



55/1



275 gal. Tote



BULK



Product Application:

Golden West DEF is a mixture of 32.5% high purity synthetic urea and 67.5% deionized water that is used in Selective Catalytic Reduction (SCR) systems on diesel engines. DEF is the primary ingredient used to help convert NOx to harmless nitrogen and water. Golden West DEF is stable, colorless, non-flammable, non-toxic and is classified as minimum risk for transportation. It is compatible with all Tier 4 final compliant equipment using Selective Catalytic Reduction (SCR) technology. Golden West DEF conforms to the ISO-22241-1 specification for DEF, is API registered and meets or exceeds OEM specifications.

Golden West DEF Handling and Storage:

The shelf life of DEF is directly related to the temperature at which it is stored. Storage temperature between 12° and 86° F are recommended to maintain optimal shelf life of up to two years. If Golden West DEF freezes, its efficacy will not be effected upon thawing. To maintain the purity of DEF and not harm the SCR Catalyst System, care must be taken regarding the material of construction for all items that come in contact with the DEF solution. Included from the ISO-22241-1 standards are the recommended and not recommended materials for contact with DEF.

Materials Recommended for Use with DEF

Highly alloyed austenitic Cr-Ni-Mo-steels or stainless steel 304 (S30400), 304L (S30403), 316 (S31600) AND 316L (S31603) in accordance with ASTM A2 40, ASTM A276, and ASTM A312

Titanium

Ni-Mo-Cr-Mn-Cu-Si-Fe Alloys, e.g. Hastelloy c/c-27 6

Polypropylene, free of additives

Polyethylene, free of additives

Perfluoroalkoxyl Alkane (PFA), free of additives

Polyfluoroethylene (PFE), free of additives

Polyvinylidene fluoride (PVDF), free of additives

Polytetrafluoroethylene (PTFE), free of additives

Copolymers of Vinylidene fluoride and Hexafluoropropylene, free of additives

Typical Analysis

Boiling Point	>212° F
Crystallization Point	12° F
Pounds/Gallons	9.10
Specific Gravity [Water = 1]	1.09
Vapor Pressure [mm of Hg]	Not applicable
Vapor Density [Air = 1]	0.6 H ₂ O >]
Water Solubility	100%
Appearance	Colorless, clear liquid
Odor	None to slight ammonia
Evaporation Rate	<1

The values shown here are representative of current production. Some are controlled by manufacturing specifications while others are not. They may vary within modest ranges.

Golden West New Braunfels

4320 S IH 35 • New Braunfels, TX 78132
Ph: (800) 288-6372 • Fax: (830) 625-1924

Golden West San Antonio

3010 Aniol Street • San Antonio, TX 78219
Ph: (800) 638-6628 • Fax: (210) 222-1034

Golden West Laredo

5400 Santa Maria Ave. • Laredo, TX 78041
Ph: (800) 638-6628 • Fax: (210) 222-1034

Golden West Castroville

515 US-90 E Suite B • Castroville, TX 78009
Ph: (830) 931-2135

Golden West Devine

502 S. Commercial Dr. • Devine, TX 78016
Ph: (830) 665-4481

Golden West Jourdanton

1202 Crouch Ave. • Jourdanton, TX 78026
Ph: (830) 769-3351

Allied Sales Company

5005 E. 7th Street • Austin, TX 78702
Ph: (512) 385-2167 • Fax: (512) 385-0259

Allied Sales Company Temple

2702 Adams Ave. • Temple, TX 76503
Ph: (800) 220-8393 • Fax: (254) 773-3073

United Oil & Grease Company Abilene

2702 Industrial Blvd • Abilene, TX 79605
Ph: (325) 695-0150 • Fax: (325) 695-7539

United Oil & Grease Company Lubbock

3100 Clovis Rd. • Lubbock, TX 79415
Ph: (806) 763-1818 • Fax: (806) 763-5447

Mighty of DFW

3524 Liston Lane • Euless, TX 76040
Ph: (817) 590-9770

Kapalua Corpus Christi

4780 Westway Dr. • Corpus Christi, TX 78408
Ph: (361) 360-7896 • Fax: (361) 360-7899

Kapalua McAllen

10721 North 10th St. • McAllen, TX 78504
Ph: (956) 381-0976 • Fax: (956) 383-1744

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