bluesky
diesel exhaust fluid

DEF Specifications I (Specification No. ISO 22241)

PARAMETER	VALUE	UNIT
Urea	32.5 + 0.7	weight %
Density (@77° F)	9.05 - 9.09	lbs/gals
Refractive Index (@77° F)	1.2814 - 1.3843	
Alkalinity as NH3	<0.1	weight %
Biuret	<0.3	mg/kg
Aldehyde	<5	mg/kg
Insolubles	<20	mg/kg
Phosphate (P04)	<0.5	mg/kg
Calcium	<0.5	mg/kg
Iron	<0.5	mg/kg
Copper	<0.2	mg/kg
Zinc	<0.2	mg/kg

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DEF Specifications II (Specification No. ISO 22241)

PARAMETER	VALUE	UNIT
Chromium	<0.2	mg/kg
Nickel	<0.2	mg/kg
Aluminium	1.2814 - 1.3843	mg/kg
Magnesium	<0.5	mg/kg
Sodium	<0.5	mg/kg
Potassium	<0.5	mg/kg
Density at 20° C (= +69° F) 1.0870-1.0930 g/cm3 Refractive Index at 20° C 1.3814-1.3843 Appearance: Colorless, clear liquid		

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Handling / Dispensing / Storing

	PARAMETER	VALUE	UNIT
	Urea	32.5 + 0.7	wight %
	Destiny (@77° F)	9.05 - 9.09	lbs/gals
	Refractive Index (@77° F)	1.2814 - 1.3843	
Determines Shelf Life →	**Alkalinity as NH3**	<0.1	weight %
Clogs Spray Nozzle →	**Insolubles**	<20	mg/kg
	Calcium	<0.5	mg/kg
	Magnesium	<0.5	mg/kg
Forms gummy deposit in exhaust pipe →	**Aldehyde**	<5	mg/kg
Damages catalyst →	**Sodium**	<0.5	mg/kg
	Potassium	<0.5	mg/kg
	Phosphate (P04)	<0.5	mg/kg
	Biuret	<0.3	weight %
	Aluminium	<0.5	mg/kg
	Iron	<0.5	mg/kg
	Copper	<0.2	mg/kg
	Zinc	<0.2	mg/kg
	Chromium	<0.2	mg/kg
	Nickel	<0.2	mg/kg