



**TECHNOTM
BLUE**

***HIGH
PURITY
TRUSTED***
DIESEL EXHAUST FLUID

FOR BS VI DIESEL ENGINES
ISO 22241 COMPLIANCE

ABOUT US

**TECHNO
BLUE**TM

WHY CHOOSE US?

THE SMART CHOICE FOR A CLEANER DRIVE

TechnoBlue is a trusted Diesel Exhaust Fluid (DEF) manufacturer in India, delivering high-purity, ISO-certified DEF for BS6 diesel vehicles. Backed by an experienced team with 30+ years of industry expertise, we operate multiple state-of-the-art manufacturing units with stringent quality control and a nationwide distribution network. Our commitment to innovation, sustainability, and global compliance standards makes TechnoBlue the preferred choice for OEMs, fuel stations, fleet operators, and distributors across India.

- BS6 Compliant & ISO Certified
- Reduces emissions for a cleaner environment
- Ensures fuel efficiency and engine longevity
- Trusted nationwide for consistent performance



QUALITY MATTERS?

The quality of DEF directly impacts the sensors, DEF injector, and catalytic converter performance, ensuring efficient NOx reduction and compliance with BS6 emission standards. Poor-quality DEF can damage the box sensor and SCR system, leading to increased emissions and costly repairs.

IS DEF FLAMMABLE?

No, DEF is non-flammable and non-toxic as it consists of 32.5% urea and 67.5% deionized water, making it safe to handle and store. It does not pose any fire hazards and is classified as a non-hazardous chemical under transportation regulations.



RELIABLE PRODUCT PERFORMANCE

Engineered for consistent purity and efficiency, TechnoBlue DEF ensures optimal SCR system function, enhancing fuel economy and vehicle longevity.



GLOBAL COMPLIANCE STANDARDS

Our DEF meets ISO 22241 and BS6 emission norms, guaranteeing compatibility with international pollution control regulations.



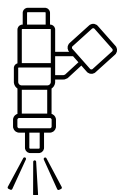
COMMITMENT TO SUSTAINABILITY

TechnoBlue prioritizes eco-friendly manufacturing and distribution processes, ensuring reduced environmental impact and a cleaner future.



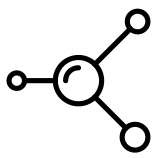
HOW DEF WORKS

Testing items	Unit	Limits	
		Min.	Max.
Urea content	% (m/m)	31.8	33.2
Density at 20°C	Kg/m3	1087	1093
Refractive index at 20°C	--	1.3814	1.3843
Alkalinity as NH3	% (m/m)	--	0.2
Biuret	% (m/m)	--	0.3
Aldehyde	mg/kg	--	5
Insolubles	mg/kg	--	20
Phosphate(PO4)	mg/kg	--	0.5
Calcium	mg/kg	--	0.5
Iron	mg/kg	--	0.5
Copper	mg/kg	-	0.2
Zinc	mg/kg	-	0.2
Chromium	mg/kg	-	0.2
Nickel	mg/kg	--	0.2
Aluminum	mg/kg	--	0.5
Magnesium	mg/kg	--	0.5
Sodium	mg/kg	--	0.5
Potassium	mg/kg	--	0.5



INJECTION INTO EXHAUST

Diesel Exhaust Fluid (DEF) is injected into the hot exhaust stream of a BS6 diesel vehicle.



CONVERSION TO AMMONIA

The heat breaks down DEF into ammonia (NH₃) and carbon dioxide (CO₂).



SELECTIVE CATALYTIC REDUCTION

The ammonia reacts with Nitrogen Oxides (NO_x) in the catalytic converter.



EMISSION REDUCTION

This chemical reaction converts harmful NO_x gases into harmless nitrogen (N₂) and water vapor (H₂O).



CLEANER EXHAUST

The vehicle releases cleaner emissions, reducing air pollution and ensuring compliance with BS6 emission norms.

High Purity Trusted DIESEL EXHAUST FLUID

DISTRIBUTORS STAMP

AVAILABLE
PACKAGING SIZES:

1L | 5L | 10L | 20L | 210L | BULK



VEHICLES WHERE DEF FLUID NEEDED



SUV



TRUCKS



AGRI VEHICLES



BUS

LOCATION

CHAKAN | KOLHAPUR

PRE-ORDER NOW

GET IN TOUCH



7758006696

MORE INFORMATION