



MASTER SOLUTION FOR VEHICLE AND EQUIPMENT LUBRICATION

PRODUCT DATA SHEET

ATMA ACTIVE DEF(AUS-32)

Description:

ACTIVE DEF IS A COLOURLESS, NON-TOXIC UREA SOLUTION MANUFACTURED BY BLENDING UREA 32.5% WITH DE-MINERALIZED WATER FOR USE IN SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR) USED IN DIESEL TRUCKS, BUSES, HEAVY FLEETS, CARS AND MOBILE POWER PLANTS TO MEET EURO AND BHARAT STAGE IV & EURO VI NORMS.

Specification:

MEETS ISO 22241 & DIN 70070 REQUIREMENTS

Available packs: Available in packs of 5LTR,10LTR, 20LTR, Bulk & 200LTR

Safety Precautions:

In case of contact, immediately flush eyes with water. Flush contaminated skin with water. Keep Away from children. DON'T REFILL THE CONTAINERS.

Application:

ACTIVE-DEF is recommended for the use of diesel Trucks, Buses, Heavy Fleets, Cars and Mobile Power Plants to meet EURO & BHARAT STAGE IV & EURO VI NORMS.

Performance benefits:

- Reduces NOx Emissions significantly
- Improved fuel economy
- Environment friendly
- Compatible with all diesel SCR (selective catalytic reduction systems)
- Helps vehicles to meet new EURO & BHARAT STAGE IV & EURO VI Emission Norms
- Non-Hazardous and bio degradable

STORAGE PRECAUTIONS: store in cool and dry area for 12-month shelf life. Keep away from heat and direct sunlight. Protect Against any contamination of Oil, Fuel, Water, Dust, Metal etc.,

Physiochemical characteristics:

CHARACTERISTICS		TEST METHOD	MIN.	MAX.	ACTIVE-DEF
1. Urea Content	%	ISO 22241-2 ANNEX.B	31.8	33.2	32.5
2. Density at 20°C	Kg/ m ³	ISO 3675	1.087	1.093	1.090
3. Alkalinity as NH ₃	%	ISO 22241-2 ANNEX.D	-	0.2 MAX.	0.1
4. Biuret	%	ISO 22241-2 ANNEX.E	-	0.3 MAX	0.1
5. Freezing point	°C	IS-1448 P.10	-	- 11°C	-11
6. Refractive Index	-	ISO 22241-2 ANNEX.C	1381.4	1384.3	1382.5

*Performance additives / chemicals are blended as per recommended dosage level prescribed by additive manufacturer. Accordingly, the specification and performance were reported.

Note: 1. ALSL policy is continual improvement. ALSL reserve the right to alter/modify/change specification without prior notice and approval

2. The above data is indicative values only. Minor variations, which do not affect specification, performance (or) quality, may be expected in processing and blending