

## GLX BLUE/DEF

### 1. DESCRIPTION/APPLICATION

**GLX BLUE/DEF** is an environmentally safe synthetic fluid (32.5% solution of urea in demineralized water). It is used as an agent for reducing the emission of harmful exhaust components, in SCR (selective catalytic reduction) systems of modern motor vehicles with EURO IV, V and VI diesel engines.

The primary role of the agent is to convert the harmful NO<sub>x</sub> gases into nitrogen and water.

**GLX BLUE/DEF** is used by commercial vehicles – trucks, buses, light commercial and passenger vehicles. Recently, it is used more and more in agricultural and construction machinery, ships, industrial plants, etc.

Advantages of GLX BLUE/DEF:

- Stable, colorless, non-flammable and non-toxic, which lowers risk during transportation
- Consumption of GLX BLUE/DEF is approximately 5% of consumption of diesel fuel. Its use reduces the consumption of diesel fuel by up to 5%.

### 2. PRODUCT QUALITY

Specifications	Quality level	
DIN	V 70070	pass
ISO	22241-1	pass
CEFIC (AUS32)		pass

### 3. PACKAGING AND DELIVERY

The product is delivered in original packaging. Each shipment is accompanied by a quality certificate.

**Plastic canisters:** 10L

**Metal drums:**

**IBC containers:** 1000L

**Bulk:**

## 4. TYPICAL CHARACTERISTICS

Characteristic	Test method	Typical values
Appearance	Visual	Colorless, transparent solution
Density (20°C), kg/m <sup>3</sup>	DIN EN ISO 12185	1087 - 1093
Refraction index, 20 °C	ISO 22241-2 (C)	1.3814 – 1.3843
Content of urea, %	ISO 22241-2 (C)	31.8 – 33.2
Biuret, %	ISO 22241-2 (E)	≤ 0.3
Impurities, mg/kg	ISO 22241-2 (G)	≤ 20

## 5. STORAGE AND HANDLING

### Storage

The product should be stored in dry, cool, well ventilated places, protected from direct atmospheric influence. Avoid heat sources and strong corrosion agents.

Weather conditions may damage labels on packaging. Excessive changes in ambient temperature may cause leakage. Large tanks should preferably be used indoors with an outside breather line.

### Storage temperature:

Product should be stored at temperatures between -5°C and 25 °C.

### Recommended materials for storing:

Plastic canisters made from polyethylene or polypropylene

### Materials that are not recommended:

Do not use packaging that contains zinc, made from aluminium, magnesium or their alloys, or from carbon steel, plastic and metal vessels plated with nickel.

### Other information:

Do not expose plastic polyethylene packaging to excessive temperatures, to avoid possible distortion.

The logo for GALAX is displayed in a large, light red, semi-transparent font. The word "GALAX" is in a bold, sans-serif typeface. To the right of the word is a registered trademark symbol (®). The entire logo is enclosed within a rounded rectangular border of the same color.