



Urea - Marine Solutions

ISO standard 18611

CONTACT US / CONTATTI

Technical Support / Supporto Tecnico
technical@blutec.info

Orders – Enquiries / Ordini – Richieste di Offerta
blutec@blutec.info

Ph. +39 010 25 18 563

DESCRIPTION

Blutec UREA - MARINE SOLUTION is a high quality urea solution 40% by weight. It is used in a process called selective catalytic reduction (SCR) to reduce emissions of oxides of nitrogen from the exhaust of diesel engine motor vehicles.

SPECIFICATIONS

Appearance:	Clear and colourless
Odor:	No or slightly like ammonia
Crystallization incipient:	0 °C
pH (20 °C):	< 10
Density (g/ cm ³ , 20 °C):	1.105 – 1.177
Refractive index (20 °C):	1.3947 – 1.3982
Urea, %:	39 – 41
Alkalinity, %:	max 0.5
Biuret, %:	max 0.8
Insolubles (mg/kg):	max 50
Aldehyde (mg/kg):	max 100
Phosphate (mg/kg):	max 1
Calcium (mg/kg):	max 1
Iron (mg/kg):	max 1
Magnesium (mg/kg):	max 1
Sodium (mg/kg):	max 1
Potassium (mg/kg):	max 1

APPLICATION

The urea solution is held in a separate onboard tank and is sprayed into the exhaust gases between the engine manifold and catalytic converter.

STORAGE / HANDLING / SAFETY

Store in a dry place away from direct sunlight. Store at temperatures between -5°C and 30°C. The shelf life as function of the average product temperature is given in the following table:

Average Product Temperature °C	Minimum Shelf Life Months
≤10	36
≤25	18
≤30	12

REMARKS

Blutec UREA - MARINE SOLUTION is very susceptible to contamination. Keep it in closed container, IBC or stainless steel tank.

PACKAGING

- Drums (20/25/30 lt)
- Barrel (220 lt)
- IBC (1000lt) or bulk

