



Urea

22

(22-0-0-0)

SI0012

INDUSTRIAL

GUARANTEED ANALYSIS

Nitrogen (N)	22.2% w/v
N as urea	22.2% w/v
Specific Gravity @ 20°C	1.12 kg/L
pH	6.0 to 8.0

WARNING:
KEEP OUT OF REACH OF CHILDREN

20 L



GENERAL USE INFORMATION

Urea 22 can be used as a source of nitrogen to aid biological treatment of waste water from Biodiesel Fuel Production Plants which contain low nitrogen, high hexane extracted oil.

Pulp Mills:

The wastewater from Pulp and Paper Mills generally has a high content of soluble organic matter. This organic material causes a high biochemical oxygen demand (BOD) in these wastes. The BOD must be reduced to an acceptable level before the wastewater can be reused or discharged to a receiving body of water.

These wastewaters are typically rich in lignin and cellulose but poor in fixed nitrogen, resulting in the high carbon/nitrogen ratio typical of wood. Careful dosing of the raw effluent with fixed N and P prior to bio treatment is essential to speed decomposition. The commonly recommended ratio in the feed (raw effluent) is a 100:5:1 for bioavailable carbon (C) to nitrogen (N) to phosphorus (P).

Urea 22 is a high nitrogen product suitable for addition as a bioavailable nitrogen source for year round use.

PRODUCT INFORMATION

PRODUCT STORAGE

Keep material in a shaded, cool, dry, well ventilated area. Store product in suitable containers made from material such as stainless steel, high density polyethylene and fibreglass. This product can be corrosive to material such as brass, copper, zinc or alloys of these metals. Clean equipment after application of Urea 22 thoroughly with clean fresh water. This product is recommended for use within 12 months from dispatch date.

WARNING & SAFETY INFORMATION

WARNING: Do not swallow. Fumes from this product may act as an irritant, use with adequate ventilation. Avoid inhalation and contact with the eyes and skin. Wear rubber gloves and appropriate eye protection when handling the product. See the product MSDS for further information - www.sltec.com.au

IMPURITIES

Biuret 21.7 g biuret/kg N

Batch No. or Tank Number & Date:

Dispatch Date:

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