



Tech

Technical Data

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# Urea, Prilled

## **GENERAL DESCRIPTION:**

Urea is a white granular material with a slight ammonia odor that is used for many industrial purposes.

## **APPLICATIONS:**

- ◆ Agriculture: nitrogen-release fertilizer
- ◆ Chemical: manufacture of various materials
- ◆ Automotive: aids in pollution reduction
- ◆ Cosmetic: skin care, moisturizer, and conditioners
- ◆ Wine: nutrition purposes

## **PHYSICAL PROPERTIES:**

- ◆ Appearance: Granular
- ◆ Color: White
- ◆ Odor: slight ammonia
- ◆ pH: 7.2 @ 100 g/L
- ◆ Solubility in water: 1,193 g/L @ 25°C

## **HANDLING & STORAGE:**

**Handling:** Avoid contact with the eyes. Avoid repeated or prolonged contact with skin & clothing. Avoid dust inhalation.

**Storage:** Store in closed containers in a cool, dry, well-ventilated area that is away from heat and other sources of ignition. Avoid contamination with other materials. Avoid containers and fittings that are made of brass, bronze, or other copper bearing alloys and galvanized metals.

\*\*\*[For more detail about product handling & safety info, please refer to the Material Safety Data Sheet](#)\*\*\*