

## DEUREX<sup>®</sup> X 5201 W

### TECHNICAL INFORMATION

**Chemical description:** Bio-based and water-based wax emulsion of the sugar cane wax **DEUREX<sup>®</sup> X 52**

**Applications:**

Coatings and printing inks

- Matting agent, increased grip
- Improved water repellency and waterproofing

Functional coatings

- Blocking resistance, increased slip and scratch resistance

Furniture polish and car care products

- Improved polishability

Fertilizer industry

- Coating of fertilizers, natural retarding agent
- Alternative to synthetic polymers

Seed coating

- Improved wetting of seeds
- Enhanced surface smoothness and anti-blocking ability
- Improved pourability/plantability of seeds
- Increased abrasion resistance minimizes dust formation

**Benefits:**

- The renewable raw material DEUREX<sup>®</sup> X 52 is a bio-based wax according to DIN EN 16640 and compostable according to DIN EN 13432

**Processing:**

- Stir well before usage, consume quickly after opening

**Storage, shelf life:**

- Store at temperatures between +5 °C and +28 °C, Avoid frost
- Shelf life 6 month in closed original container

**Technical data:**

Colour: Light amber  
Form of delivery: Liquid  
Packaging: IBC 1,000 kg, Drum 200 kg, Canister 10 kg

|                     | Minimum | Maximum     |                        |
|---------------------|---------|-------------|------------------------|
| Drop point (solid): | 78 °C   | 82 °C       | LV 12<br>(DGF M-III 3) |
| Particle size:      |         | 98 % < 1 µm | LV 5 (DIN ISO 13320)   |
| Solid content*:     | 33 %    | 36 %        |                        |
| Emulsifier system:  | anionic |             |                        |
| pH-value*:          | 7.5     | 9.0         |                        |

\* part of certificate of analysis

**Alternative delivery forms:**

**DEUREX<sup>®</sup> X 52 G** – Granules  
**DEUREX<sup>®</sup> X 5217 M** – Micronized powder, 98 % < 17 µm