

## TECHNICAL DATA SHEET: CORN OIL (CRUDE/REFINED)

### 1. CHEMICAL & PHYSICAL SPECIFICATIONS

- **Free Fatty Acids (FFA):** Max 0.1% (Refined) / Max 3.0% (Crude)
- **Iodine Value (Wijs):** 103 – 130 g I<sub>2</sub>/100g
- **Refractive Index (40°C):** 1.465 – 1.468
- **Relative Density (20°C):** 0.917 – 0.925
- **Saponification Value:** 187 – 195 mg KOH/g

### 2. SAFETY, CONTAMINANTS & LOGISTICS

- **Mineral Oil:** Max 50 mg/kg (Compliant with FOSFA/EU)
- **Previous Cargoes:** Must comply with FOSFA Accepted List
- **Shelf Life:** 12 months in bulk/cool, dry conditions
- **Flash Point:** Min 121°C

### 3. COMPLIANCE DECLARATION

- Obtained from the germ of corn (Zea mays L.)
- Fit for human consumption (Refined) or technical use/feed
- Quality meets FOSFA standards for vegetable oils