

Jiangsu Khonor Chemicals Co., Limited

Technical Data Sheet (TDS)

Product Name	Lutein Powder 20%
CAS No.	127-40-2 (lutein)
Ingredient Type	Carotenoid / xanthophyll
Appearance	Orange-yellow to orange-red powder
Lutein Content	20.0% nominal; confirm actual grade
Molecular Formula	C ₄₀ H ₅₆ O ₂ (lutein molecule)
Molecular Weight	568.87 g/mol (lutein molecule)
Solubility	Lutein is practically insoluble in water; dispersibility depends on the powder formulation and carrier system.

Applications

- Dietary supplements, including capsules, tablets, and powdered blends.
- Nutritional formulations containing carotenoids and other micronutrients.
- Selected functional food applications, subject to local regulatory requirements.
- Food coloring applications only where the ingredient and intended use are permitted by applicable regulations.

Product Features

- Powder format supports weighing, blending, and dry-mix processing.
- Available lutein concentration and carrier system depend on the specific commercial grade.
- Suitable for formulation development where a lutein ingredient is required.

Packaging

Typical packaging options may include sealed bags, cartons, or drums. Common pack sizes such as 1 kg, 5 kg, or 25 kg should be confirmed with the supplier. Customized packaging may be available subject to order requirements.

Storage

Store in a tightly closed original container in a cool, dry place, protected from direct light, heat, moisture, and oxygen. Follow the storage conditions stated in the supplier's approved product documentation.

Shelf Life

To be confirmed from the actual product specification and packaging label. Do not assign a shelf life without supplier confirmation.

Regulatory & Documentation

Regulatory status and permitted uses depend on product composition, intended application, and destination market. Actual COA, TDS, SDS, allergen, GMO, and other declarations should be supplied only when verified and applicable.