

1,3-Dihydroxyacetone

DHA cosmetic raw material for sunless tanning and topical colour-enhancing formulations.

CAS No. 96-26-4	EC / List No. 202-494-5	Transport Non-dangerous goods
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Product Information

DHA cosmetic raw material for sunless tanning and topical colour-enhancing formulations.

Specifications

Parameter	Specification
Appearance	White to off-white powder
Assay	≥98.0 %
Water	≤0.4 %
Residue on ignition	≤0.4 %
pH	4.0–6.0
Heavy metals, as Pb	≤10 ppm
Iron	≤25 ppm
Arsenic, as As ₂ O ₃	≤3 ppm

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C ₃ H ₆ O ₃
Molecular weight	90.07 g/mol

Applications

Self-tanning lotions and creams: Cosmetic DHA active for selected sunless tanning lotions and creams.

Topical colour-enhancing skincare: Raw material for compatible topical colour-enhancing skincare preparations.

Professional body-colour preparations: Ingredient for technically developed body-colour products.

Packaging / Storage

Item	Information
Packing	25 kg bags
Storage	Keep in the original tightly closed, dry package in a cool, ventilated area away from heat and strong oxidizers. Observe the temperature requirement on the supplied product label and avoid prolonged exposure of opened material to moisture.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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