

Shandong Tianyin Biotechnology Co., Ltd.

ADD: No.7, Sanying Road, Technology Industrial Zone, Zibo, Shandong, China

MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE

Product Name: Lutein/Marigold Flower Extract

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Xanthophyll content: 15g/kg

Hazard Symbols: None

Risk Phrases: None

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview: It has no harm to human and animals.

Potential Health Effects and Symptoms: None

Eye: may cause minimal irritation

Skin: Neither irritation nor sensitization is expected.

Inhalation: Safety

Chronic Effects: Safety

SECTION 4 - FIRST AID MEASURES

In case of skin contact, flush with soap and water. In case of eyes contact, flush with flowing water.

If swallowed, get medical aid.

Notes to Physician: None

SECTION 5 - FIRE FIGHTING MEASURES

In case of fire, pls use sandy soil, chemical foam or carbon dioxide.

Unsuitable Extinguishing Media: None

Special Fire Fighting Procedures: None

SECTION 6 - ACCIDENTAL RELEASE MEASURES

In case of accidental release, pls mix with inert material (eg. dry sand) and transfer to sealed container for disposal.

SECTION 7 - HANDLING AND STORAGE

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in cool and dry condition.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines: Not established for this pigment.

Engineering Controls: Use adequate ventilation

Respiratory protection: Not required

Eye/Face Protection: Not required

Skin Protection: Not required

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder Color: Orange Odor: characteristic flavor of Marigold Flower Viscosity: Not available Vapor Pressure: Not available Freezing/Melting Point: Not available Boiling Point: Not available Autoignition Temperature: Not available Explosion Limits, upper: Not available Explosion Limits, lower: Not available Solubility in water: Not available Decomposition Temperature: Not available Molecular Formula: C₄₀H₅₆O₂ Specific Gravity/Density: Not available Molecular Weight: 568.88 SECTION 10 - STABILITY AND REACTIVITY Chemical Stability: Steady Conditions to Avoid: Humidity and high temperature SECTION 11 - TOXICOLOGICAL INFORMATION Acute Toxicity: No poison Inhalation: Not available Ingestion: Not available Eye: Minimal irritant Skin: Non-irritant Others: Not available SECTION 12 - ECOLOGICAL INFORMATION Mobility: Not available Persistence/Degradability: Not available Bioaccumulation: Not available Ecotoxicity: Not available Other Adverse Effects: Not available SECTION 13 - DISPOSAL CONSIDERATIONS Method of Disposal: Disposal should be subject to federal, state and local laws. SECTION 14 - TRANSPORT INFORMATION UN #: None UN Shipping Name: None UN Classification: None Special Precautions: None UN Packing Group: None Marine Pollutant: No Special Precaution: None Reported By: None SECTION 15 - REGULATORY INFORMATION None SECTION 16 - OTHER INFORMATION None Manufacturer Name: Shandong Tianyin Biotechnology Co., Ltd.