

MATERIAL SAFETY - Protec™ OX

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION

Product Name: Protec™ OX

Supplier: Chanjao Longevity Co., Ltd. 375 Pattanakarn Road, Bangkok 10250 Thailand

Emergency Phone No.: +662-002-7-002

Fax No.: +662-001-7-022

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Composition (%)
Pentaerythrityl tetra-di-t-butyl hydroxyhydrocinnamate	6683-19-8	100

3. HAZARD IDENTIFICATION

Potential Health Effects

Eye: May cause irritation.

Skin: May cause irritation on susceptible persons.

Ingestion: May cause irritation on mucous membranes.

Inhalation: May cause irritation on susceptible persons.

4. FIRST AID MEASURES

Eye Contact: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Skin Contact: Flush skin with plenty of soap and water – get medical attention if irritation occurs.

Inhalation: Remove to fresh air

Ingestion: Wash out mouth with water provided person is conscious. Call a physician.

Notes to Physician: Treat symptomatically

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5. FIRE FIGHTING MEASURES

Flash point: 297C (DIN 51584)

Autoignition: 410C (BAM)

Flammability: does not ignite

Self-ignition temperature: > 350C

Extinguishing Media: On large fires use dry chemical, foam or water spray. On Small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

7. HANDLING AND STORAGE

Handling:

Avoid dust formulation.

Storage:

Store under cool temperature, in a sealed container and away from sunlight and heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:

Eyes: Safety glasses.

Skin: Chemical-resistant gloves.

Clothing: General lab coats.

Respirators: Uses certified/approved protection.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Colour:	White to off-white powder
Odour:	Odourless
pH value:	5.9 (1%, 20-25C as suspension)
Melting range:	110-125C
Bulk density:	530-590g/l
Partitioning coefficient:	23 (OECD Guideline 107)
Particle size:	D50 141micron
Solubility in water:	< 0.1mg/l (20C)

10. STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials.

Incompatibilities:

Oxidizing agents, strong acids, strong alkalis, heat or light

11. TOXICOLOGICAL INFORMATION

Oral LD50 Rat >5,000mg/kg
Inhalation LC0 Rat > 46mg/l (explosion time 1h)
Dermal LD50 Rat >2,000mg/kg

The material is generally non-sensitizing and non-irritant.

12. ECOLOGICAL INFORMATION

No data available.

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13. DISPOSAL CONSIDERATION

Waste from Residue/Unused Products:

Dispose of in a manner consistent with federal, state, and local regulations.

This compound is NOT on the EPA Toxic Substances Control Act (TSCA) inventory list.

14. TRANSPORT REGULATIONS

DOT Road Shipment Information

Non-Controlled

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations

15. REGULATORY INFORMATION

This material is intended to be used as a cosmetic ingredient.

Hazard Symbol(s): Not available.

Risk Phrase(s): S24/25 Avoid contact with skin and eyes, S37/39 Wear gloves and eye/face protection.

16. OTHER INFORMATION

The information provided in this material safety data sheet is correct to the best of our knowledge. No warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. Chanjao Longevity assumed no responsibility for any personal injury or property damage caused by the materials. Users assume all risks associated with the use of the materials.
