

MATERIAL SAFETY - Poloxamer 184

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION Product

Name: Poloxamer 184
Supplier: Chanjao Longevity Co., Ltd. 50 Ramindra 14, Bangkhen, Bangkok 10230 Thailand
Emergency Phone No.: +662-002-7-002
Fax No.: +662-001-7-022

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS#	Composition (%)
Poloxamer 184	106392-12-5	100

3. HAZARD IDENTIFICATION

Potential Health Effects

Eye: Irritation can develop.
Skin: Irritation can develop.
Ingestion: Irritation can develop.
Inhalation: Irritation can develop.

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 from exposure and move to fresh air immediately.
Ingestion: Drink plenty of milk or water.
Notes to Physician: None

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5. FIRE FIGHTING MEASURES

General Information:

Material is nonflammable. Flash point is above 204C.

Extinguishing Media:

Dry Chemical, Carbon Dioxide, Foam.

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:

Keep away from oxidizing agents and extreme heat.

Storage:

Store in room temperature under a sealed container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:

Eyes:

Not required but safety glasses may be worn.

Skin:

Not required but lab coats and gloves may be worn.

Clothing:

General lab coats.

Respirators:

Not needed under normal conditions of use.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Odor:	Mild
Color:	Cloudy
pH	5.5-7.0
Flash Point:	>204C
Boiling Point:	Not available
Viscosity:	440-770 cP
Soluble:	Water

10. STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials.

Incompatibilities:

Oxidizing agents, excessive heat or light

11. TOXICOLOGICAL INFORMATION

LD50/LC50: Acute oral toxicity (LD50): 5000 mg/kg [Rat].

Carcinogenicity: Not fully investigated.

12. ECOLOGICAL INFORMATION

Ecotoxicity in water (LC50): >100 mg/l 96 hours [Fish (Golden orfe)].

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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

IATA	No information available.
IMO	No information available.
RID/ADR	No information available.

15. REGULATORY INFORMATION

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

S 24/25 Avoid contact with skin and eyes.

R21/22- Harmful in contact with skin and if swallowed.

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.
