

MATERIAL SAFETY - Mandelic Acid (DL)

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY INFORMATION

Product Name: Mandelic Acid (DL)
Supplier: Chanjao Longevity Co., Ltd. 50 Ramindra 14, 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 (%) |
|--------------------|----------|-----------------|
| {DL-}Mandelic Acid | 611-72-3 | 100% |

Hazard Symbols: Not listed
Risk Phrases: Not listed

3. HAZARD IDENTIFICATION

Hazardous in case of eye contact (irritant), of inhalation (lung irritant). Slightly hazardous in case of skin contact (irritant, sensitizer), of ingestion. The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Severe over-exposure can produce lung damage, choking, unconsciousness or death

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: Do not induce vomiting unless directed to do so by medical personnel.

MATERIAL SAFETY - Mandelic Acid (DL)

5. FIRE FIGHTING MEASURES

General Information:

Material may be combustible at high temperature.

Extinguishing Media:

Dry Chemical, Sand, Carbon Dioxide, Foam.

6. ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Absorb into absorbent material. Wash area with water.

7. HANDLING AND STORAGE

Handling:

Keep away from moisture, light and heat.

Storage:

Store in room temperature 20-25 Degree Celsius, kept container tightly closed. Do not expose to sunlight. Do not expose to moisture

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protection:

Eyes: Safety glasses.

Skin: Lab gloves.

Clothing: Lab clothes not required but recommend.

Respirators: Not needed under normal conditions of use.

MATERIAL SAFETY - Mandelic Acid (DL)

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|-----------------------------|-------------------|
| Physical State: | Solid/Crystalline |
| Color: | White/Off-white |
| Odor: | Not available |
| pH: | Not available |
| Specific Gravity: | 1.3 approx. |
| Solubility in water: | Soluble |
| Melting Point: | 118-121 Degree C |

10. STABILITY AND REACTIVITY

Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

Incompatible materials listed below. Hazardous Polymerization will not occur.

Incompatibilities:

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

11. TOXICOLOGICAL INFORMATION

LD50/LC50: Not available.

Carcinogenicity: Not available.

12. ECOLOGICAL INFORMATION

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

MATERIAL SAFETY - Mandelic Acid (DL)

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.

Hazard Symbol(s): Not available.

Risk Phrase(s): Not available.

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.
