

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

1.1 Product name: Co-Q10
1.2 Recommended use: Cosmetic ingredient
1.3 Sold by:
Gracefruit.com
146 Glasgow Road
Longcroft
Stirlingshire
FK4 1QL
Telephone: 01324 841353

INCI: squalane (and) tocopheryl acetate (and) ubiquinone 50

2. COMPOSITION AND INFORMATION ON INGREDIENTS

2.1 Chemical characterisation: Co-Q10 is a solution of ubiquinone 50 and tocopheryl acetate (vitamin E) in squalane. Co-Q10 does not contain any preservative.
2.2 Hazardous ingredients: None
2.3 Ingredients (INCI) CAS No EINECS No Reference
Squalane 111-01-3 203-825-6 EINECS Database
Ubiquinone 303-98-0 206-147-9 EINECS Database

3. HAZARD IDENTIFICATION

Co-Q10, used as a cosmetic ingredient, is not a hazardous material. The data available do neither support any environmental hazard nor any adverse human health hazard.

4. FIRST AID MEASURES

4.1 Skin Contact: Rinse with water.
4.2 Eye Contact: Rinse immediately with plenty of water possibly containing a mild detergent. Contact physician in case of irritation.
4.3 Inhalation: Remove to fresh air.
4.4 Ingestion: None, see 11.1.
4.5 Other first aid information: None known.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media: Carbon dioxide, foam, dry powder, water
5.2 Unsuitable extinguishing media: None known
5.3 Unusual fire fighting hazards: None known
5.4 Special fire fighting procedure: None known
5.5 Other recommendations: No special precautions and measures necessary.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Avoid eye contact.
6.2 Precautions to protect the environment: Keep away from drains and ground water.

6.3 Cleanup procedures: Dam large quantities and pump them into a container. For the remaining amount use inert absorbent material. Small quantities can be flushed with a suitable detergent into the sewage system.

7. HANDLING AND STORAGE

7.1 Handling precautions: Avoid eye contact. Watch out for slippery conditions after spillage.

7.2 Storage precautions: Keep the product in a clean, cool and dark place.

7.3 Other information: None

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Exposure controls: See 7.1

8.2 Engineering control measures: No special control measures necessary.

8.3 Personal protective equipment

Respiratory protection: None

Hand protection: Gloves

Eye protection: Safety glasses

Skin protection: Additional protective equipment is normally not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Physical state: Liquid

Colour: Clear, orange coloured

Odour: Characteristic

9.2 Safety related information

pH: Not applicable

Boiling point/boiling range: Approx. 350 °C

Melting point/melting range: Approx. -38 °C

Flash point: Approx. 230 °C

Flammability (solid, gas): Not applicable

Autoflammability: Not determined

Explosive properties: Not applicable

Oxidizing properties: Not applicable

Vapour pressure: Not determined

Relative density: Approx. 0.82

Water solubility: Practically insoluble

Fat solubility: Not determined

n-octanol/water partition coefficient: Not determined

Vapour density (air = 1): Not determined

Viscosity: Not determined

Volatiles: Squalane 94%

10. STABILITY AND REACTIVITY

10.1 Conditions to avoid: None known

10.2 Materials to avoid: Strong oxidizing agent

10.3 Hazardous decomposition products: Carbon monoxide, carbon dioxide

11. TOXICOLOGICAL INFORMATION

11.1 Possible dangerous-to-health effects

11.2 Skin contact: Neither irritant nor sensitizing.

- 11.3 Eye contact: Not irritant.
- 11.4 Inhalation: Not determined.
- 11.5 Ingestion: Not toxic after oral ingestion.
- 11.6 Other information: Co-Q10 has proved to be safe for cosmetic use.

12. ECOLOGICAL INFORMATION

- 12.1 Mobility: Not determined
- 12.2 Persistence and degradability: Not determined
- 12.3 Bioaccumulative potential: Not determined
- 12.4 Ecotoxicity: Not determined
- 12.5 Other information: Co-Q10 is composed of physiological, biodegradable compounds that are harmless when released into the environment.

13. DISPOSAL CONSIDERATIONS

- 13.1 Product disposal: Neutralize and flush with plenty of water into the sewage system.
- 13.2 Packaging disposal: Dispose of in a manner in accordance with local and national regulations.

14. TRANSPORT INFORMATION

- 14.1 UN-No. : Not applicable
- 14.2 Road and rail transport (ADR/RID): Not applicable
- 14.3 Air transport (ICAO/IATA-DGR): Not applicable
- 14.4 Sea transport (IMO/IMDG): Not applicable
- 14.5 Inland navigation (ADN/ADNR): Not applicable
- 14.6 Other information: LIPOGARD is not classified as a dangerous material.

15. REGULATORY INFORMATION

- 15.1 Supply classification and labelling: No special packaging and labelling requirements.
- 15.2 National legislation: For further product information, we recommend consideration of the corresponding appropriate National Legislation.

16. OTHER INFORMATION

All information and instructions provided in this Safety Data Sheet are based on the current state of scientific and technical knowledge at the date indicated on this Safety Data Sheet. Gracefruit.com shall not be held responsible for any defect in the product covered by this Safety Data Sheet, should the existence of such a defect not be detectable considering the current state of scientific and technical knowledge.