Safety Data Sheet (SDS) - Coenzyme Q10

According to Regulation (EC) No 1907/2006 (REACH), as amended by Regulation (EU) 2020/878
Version 1.1, 23-Nov-2026

Section 1. Identification of the substance/mixture and of the company

Product name:	Coenzyme Q10 >=98.0%
Recommended uses:	Ingredient for professional formulation, analytical and R&D use
Uses advised against:	Uses not permitted by applicable legislation; household or non-professional use
Catalogue Number:	NST-10-156
Supplier:	NATURE SCIENCE TECHNOLOGIES Ltd Briezu 11, Lapsas, Latvia, LV-2107 Phone: +371 24220280 Email: sales@nstchemicals.com Website: www.nstchemicals.com Emergency: Latvian Poison Information Centre +371 67042473 (24/7)

Section 2. Hazards identification

Classification:	Not classified as hazardous according to Regulation (EC) No 1272/2008 (CLP), based on available information. Hazard pictograms: None required. Signal word: None required. Hazard statements: None required. Precautionary measures: Avoid breathing dust. Minimise dust formation. Use adequate ventilation. Avoid contact with eyes and prolonged skin contact. Wash thoroughly after handling. Wear suitable eye protection and protective gloves where exposure is possible. Other hazards: Fine airborne organic dust may form a combustible dust atmosphere. The substance is not identified as PBT or vPvB. Endocrine-disrupting properties have not been established.

Section 3. Composition/information on ingredients

Chemical name:	Coenzyme Q10, >=98.0% (HPLC assay specification).
Synonyms:	Ubidecarenone; Ubiquinone-10; CoQ10
Chemical formula:	C59H90O4
Molecular weight:	863.34 g/mol
CAS No:	303-98-0
EC No.	206-147-9

Section 4. First aid measures

Inhalation:	Move to fresh air and keep at rest. Obtain medical advice if coughing, breathing discomfort or other symptoms occur.
Skin:	Remove contaminated clothing. Wash skin thoroughly with soap and water. Obtain medical advice if irritation persists.
Eyes:	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Obtain medical advice if irritation persists.
Ingestion:	Rinse mouth. Do not induce vomiting. Obtain medical advice if unwell or if a significant amount has been swallowed. Never give anything by mouth to an unconscious person.

Section 5. Firefighting measures

Extinguishing media suitable:	Water spray, alcohol-resistant foam, dry extinguishing powder or carbon dioxide. Use extinguishing measures appropriate to the surrounding fire.
Special protection of fire-fighters:	Wear self-contained breathing apparatus and full protective equipment. Thermal decomposition may produce carbon monoxide, carbon dioxide and irritating fumes.

Section 6. Accidental release measures

Personal precautions:	Avoid dust formation and inhalation. Ensure adequate ventilation. Avoid contact with skin and eyes and wear the protective equipment described in Section 8. Remove ignition sources where dust is dispersed.
Environmental precautions:	Prevent entry into drains, surface water and soil. Avoid uncontrolled release to the environment.
Methods for cleaning up:	Collect mechanically or with a HEPA-filtered vacuum without generating dust. Place in a closed, labelled container for disposal and clean the affected area.

Section 7. Handling and storage

Handling:	Handle in a well-ventilated area. Minimise dust formation. Avoid breathing dust and contact with eyes. Wear protective gloves and eye protection where exposure is possible. Wash thoroughly after handling.
Storage:	Store in a cool and dry place. Keep container tightly closed and protect from strong light, air and heat. Keep away from strong oxidising agents.

Section 8. Exposure controls/personal protection

Engineering measures:	No substance-specific occupational exposure limit has been established. Apply applicable limits for nuisance dust. Use local exhaust ventilation where dust may form and provide eyewash facilities.
Hygiene measures:	Wash hands and exposed skin after handling and before breaks. Do not eat, drink or smoke in work areas. Remove contaminated clothing before reuse.
Personal protective equipment:	Respiratory protection: suitable particulate-filter respirator where dust forms or ventilation is insufficient. Hands: protective gloves appropriate to the work conditions, e.g. nitrile.
Skin and body:	Protective work clothing appropriate to the scale and duration of exposure. Wash contaminated clothing before reuse.
Eyes:	Safety glasses with side shields; use tightly fitting chemical goggles where dust exposure is significant.

Section 9. Physical and chemical properties

Physical state:	Solid, fine powder
Colour:	Yellow to orange
Odour:	Characteristic
Molecular Weight:	863.34 g/mol
Melting point:	Approximately 47-52 deg C
pH:	No data available
Boiling point:	No reliable data available; decomposition may occur before boiling
Solubility:	Insoluble in water; soluble in ether
Explosive properties:	Not classified as explosive. Fine airborne organic dust may form a combustible dust atmosphere.

Section 10. Stability and reactivity

Stability:	Stable under recommended storage and normal handling conditions. Sensitive to light, air and heat.
Materials to avoid:	Strong oxidising agents, excessive heat, strong light, air and conditions that generate airborne dust.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide and irritating fumes may form during combustion or thermal decomposition.

Section 11. Toxicological information

Acute toxicity:	Based on available data, the classification criteria for acute toxicity are not met. Reliable product-specific quantitative toxicity data are limited.
Skin corrosion/irritation:	Based on available data, the classification criteria for skin corrosion/irritation and serious eye damage/irritation are not met. Dust may cause mechanical irritation.
Respiratory or skin sensitisation:	Based on available data, the classification criteria for respiratory or skin sensitisation are not met.
CMR effects:	Based on available data, the classification criteria for germ-cell mutagenicity, carcinogenicity and reproductive toxicity are not met.
Signs and symptoms of exposure:	Dust may cause temporary mechanical irritation of the eyes or respiratory tract. Prolonged skin contact may cause mild dryness or discomfort.
Potential health effects:	No significant adverse health effects are expected under normal professional handling conditions. Treat any symptoms supportively.
Inhalation:	Dust may cause coughing, sore throat or breathing discomfort through mechanical irritation.
Skin:	Prolonged contact may cause mild dryness or discomfort. Not classified as a skin irritant.
Eyes:	Dust may cause temporary mechanical irritation, redness or tearing. Not classified as an eye irritant.
Ingestion:	May cause gastrointestinal discomfort if a significant amount is swallowed.
Other information:	Obtain medical advice if symptoms persist. Treat symptomatically.

Section 12. Ecological information

Ecotoxicity:	No adequate product-specific aquatic toxicity data are available. The substance is not classified as hazardous to the aquatic environment. Avoid uncontrolled release.
Persistence and degradability:	Persistence, degradability, bioaccumulation and mobility data are limited. The substance is not identified as PBT or vPvB.
Other adverse effects:	Endocrine-disrupting properties have not been established. No other adverse environmental effects are known.

Section 13. Disposal considerations

Product:	Dispose of contents through a licensed waste disposal contractor in accordance with local, regional and national requirements. Do not discharge to drains.
Contaminated packaging:	Empty completely. Handle contaminated packaging in the same way as the product. Recycle clean packaging where permitted.

Section 14. Transport information

ADR/RID:	Not regulated as dangerous goods
IMDG:	Not regulated as dangerous goods. Marine pollutant: No.
IATA:	Not regulated as dangerous goods

Section 15. Regulatory information

EU regulatory information:	Prepared in accordance with Regulation (EC) No 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878. Classification has been assessed under Regulation (EC) No 1272/2008 (CLP), as amended. A chemical safety assessment has not been carried out by the supplier for this product.

Section 16. Other information

Notice to reader:	Version 1.1; revision date 23-Nov-2026. Revised to retain only general grade specifications. Coenzyme Q10, CAS 303-98-0, is not classified as hazardous under CLP based on current European supplier safety information. ADR/RID, IMDG and IATA transport: not regulated. The information is based on the product specification and safety information available at the date of issue. It is provided in good faith as guidance for safe handling, storage, transport and disposal and is not a warranty of product properties. Users are responsible for assessing suitability and complying with applicable requirements.