



## MATERIAL SAFETY DATA SHEET

### 1. IDENTIFICATION

Revision Date Aug 2021

Product Name CoQ10 40% CWS

Other Names N/A

Uses: Medicine, culture media, biochemical research and food additive.

Contact Information

### 2. HAZARD IDENTIFICATION

Risk Phrases: No data available.

Safety Phrases: No data available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Chemical Name:	CAS No
COQ10	303-98-0
Modified Starch	977052-18-8
Maltodextrin	9050-36-6

### 4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure.

#### Swallowed:

No special measures required. However rinse mouth with water.

#### Eye

Rinsed opened eye for several minutes under running water.

#### Skin

No special measures required.

However remove contaminated clothing and rinse affected area with running water.

Inhaled No special measures required. However remove to fresh air.

Advice to Doctor

Treat symptomatically based on individual reactions of patient and judgement of doctor.

Aggravated medical conditions caused by exposure

No information available on medical conditions aggravated from exposure to this product.

### 5. FIRE FIGHTING MEASURES

#### Extinguishing Media

In case of fire, appropriate extinguishing media include carbon dioxide extinguishing powder or water jet. Fight large fires with water jet or alcohol resistant foam.

#### Hazards from Combustion Products

No information available on combustion products for this product.

#### Special Protective Precautions and Equipment for Fire Fighters:

Fire fighters should wear a self contained breathing apparatus and full protective clothing along with protective equipment.

#### Flammability Conditions

Product is non-flammable.

#### Additional Information



Hazchem Code N/A

## 6. ACCIDENTAL RELEASE MEASURES

### Emergency Procedures

Personnel involved in the clean up should wear full protective clothing. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Ensure that walking surfaces are not slippery before walking on them. Do not allow product to reach drains, sewers or waterways. If the product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management Authority. Use spark proof equipment.

### Methods and Materials for Containment and Clean Up :

Contain and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable, labelled container and hold for disposal.

## 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Ensure an eye bath and safety shower are available and ready for use. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.

### Conditions for Safe Storage (Including Any Incompatibles)

Store in a cool, dry, well-ventilated area. Keep containers tightly sealed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect from physical damage. Store away from incompatible materials including oxidizing agents and sources of ignition. Recommended storage limit is 2 years.

### Container Type

Original packaging.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National Exposure Standards

the exposure standard for dust not otherwise specified is 10mg/m<sup>3</sup> (for inspirable dust) and 3mg/m<sup>3</sup> (for respirable dust).

### Biological Limit Values

No information available on biological limits for this product.

### Engineering Controls

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

### Personal Protection

EYES: Safety glasses with side shields. HANDS: Not normally required. CLOTHING: Standard work uniform/clothing and footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Slight yellow powder
Formula	C <sub>59</sub> H <sub>90</sub> O <sub>4</sub>
Odour	little
Vapour	Pressure Not applicable.
Vapour	Pressure Not applicable
Boiling Point	Not applicable.
Melting Point	Not applicable.
Solubility in Water	Dispersible(0-20°C)
Specific Gravity	approx 0.5g/cm <sup>3</sup> .
Flash Point	Not applicable.
pH	Not applicable



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Lower Explosion Limit	Not applicable.	
Upper Explosion Limit	Not applicable.	
Ignition Temperature	Not applicable.	
Specific Heat Value	Not applicable.	
Particle Size	Not applicable	
Flame Propagation/Burning Rate of Solid Materials		Not applicable.
Properties of Materials That May Initiate or Contribute to Fire Intensity		Not applicable.
Potential for Dust Explosion	Not applicable.	
Reactions that Release Flammable Gases	Not applicable.	
Fast of Intensely Burning Characteristics	Not applicable.	
Non-flammables That Could Contribute Unusual Hazards to a Fire		Not applicable.
Release of Invisible Flammable Vapours and Gases		No data available.
Decomposition Temperature		No data available.
Additional Information Solubility:	Soluble in water, insoluble in most organic solvents.	

## 10. STABILITY AND REACTIVITY

### Chemical Stability

Product is stable under normal conditions of use and storage.

### Conditions to Avoid

Avoid excessive heat, dusty conditions, static discharges, and high temperatures.

### Incompatible Materials

Strong oxidizing agents and sources of ignition.

### Hazardous Decomposition Products

None known.

### Hazardous Reactions

No dangerous reactions known.

## 11. TOXICOLOGICAL INFORMATION

Toxicity Data No toxicological information available for this product.

Health Effects - Acute

Swallowed	May cause irritation.
Eye	No irritant effect.
Skin	No irritant effect.
Inhaled	May cause irritation.

## 12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and Degradability	No information available on persistence/degradability for this product.
Mobility	No information available on mobility for this product.
Environmental Fate (Exposure)	Do not allow product to enter drains, waterways or sewers.
Bioaccumulative Potential	No information available on bioaccumulation for this product.

## 13. DISPOSAL CONSIDERATIONS

### Disposal

Dispose of in accordance with all local, state and federal regulations.

### Special Precautions for Land Fill or Incineration

Contact a specialist disposal company or the local waste regulator for advice.

## 14. TRANSPORT INFORMATION

UN Number Not applicable.

Shipping Name	COQ10 10% POWDER
Dangerous Goods Class	Not applicable.
Subsidiary Risk	Not applicable.
Pack Group	Not applicable.
Precaution for User	No data available.
Hazchem Code	N/A

### 15. REGULATORY INFORMATION

No data available.

Poisons Schedule	N/A
EPG	N/A
AICS Name	COQ10 40% POWDER
NZ Toxic Substance	N

### 16. OTHER INFORMATION

Literature References	No data available.
Sources for Data	No data available.

#### Legend to Abbreviations and Acronyms

<	Less than
>	Greater than
CAS	Chemical Abstracts Service (Registry Number)
cm <sup>2</sup>	Square centimetres
CO <sub>2</sub>	Carbon Dioxide
COD	Chemical Oxygen Demand
deg C ( °C )	Degrees Celsius
ERMA	Environmental Risk Management Authority
g	Gram
g/cm <sup>3</sup>	Grams per cubic centimetre
g/l	Grams per litre
IDLH	Immediately Dangerous to Life and Health
Immiscible	Liquids are insoluble in each other
Kg	Kilogram
kg/m <sup>3</sup>	Kilograms per cubic metre
LC50	LC stands for lethal concentration. LC50 is the concentration of a material in air which causes the death of 50% (one half) of a group of test animals. The material is inhaled over a set period of time, usually 1 or 4 hours.
LD50	LD stands for Lethal Dose. LD50 is the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals
Ltr	Litre
m <sup>3</sup>	Cubic metre
mbar	Millibar
mg	Milligram
mg/24H	Milligrams per 24 hours
mg/kg	Milligrams per kilogram
mg/m <sup>3</sup>	Milligrams per cubic metre
Misc	Miscible
miscible	liquids form one homogeneous liquid phase regardless of the amount of either component present

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mm	millimetre
mPa.s	milli Pascal per second
N/A	Not Applicable
OECD	Organization for Economic Co-operation and Development
PEL	Permissible Exposure Limit
ppb	parts per billion
ppm	parts per million
ppm/2h	parts per million per 2 hours
ppm/6h	parts per million per 6 hours
RCP	Reciprocal Calculation Procedure
STEL	Short Term Exposure Limit
TLV	Threshold Limit Value
tn	tonne
TWA	Time Weighted Average
ug/24H	micrograms per 24 hours
UN	United Nations (number)
wt	weight