



## Material Safety Data Sheet

Product Name: Coenzyme Q10  
CAS #: 303-98-0  
Distributor: MCKINLEY RESOURCES  
Address: PO Box 810472, Dallas, TX 75381  
Phone Number: 972-620-9730

**FOR INFORMATION OR IN AN EMERGENCY CALL: CHEMTREC: (800) 424-9300**

### **Section 1 Chemical Identification**

PRODUCT NAME: Ubidecarenone  
SYNONYMS: Coenzyme Q10; Ubiquinone-50; 2,5-cyclohexadiene-1,4-dione, 2-(3, 7, 11, 15, 19, 23, 27, 31, 35, 39-decamethyl-2, 6, 10, 14, 18, 22, 26, 30, 34, 38-tetracontadecaenyl)-5, 6-dimethyl-3-methyl-, (all-E)

### **Section 2 Composition/Information On Ingredients**

<u>Component</u>	<u>%</u>	<u>CAS No.</u>	<u>Exposure Limits</u>
Coenzyme Q10	>98	303-98-0	Not established

### **Section 3 Hazards Identification**

\*\*\*\*\*EMERGENCY OVERVIEW\*\*\*\*\*  
Odorless, yellow to orange powder with no known hazards.  
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### **Potential Health Effects**

Under normal conditions of use, no hazards are known or expected.

#### **CHRONIC EFFECTS/CARCINOGENICITY:**

This product (or component) is not listed in IARC Monographs, the NTP Sixth Annual Report or the ACGIH TLVs as a carcinogen or potential carcinogen. It is not regulated by OSHA as a carcinogen.

### **Section 4 First Aid Measures**

These first aid measures apply if there is any contact with the contents of the pouch.

#### **EYE CONTACT:**

Flush with large amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. Get medical attention.

#### **SKIN CONTACT:**

Wash exposed area with soap and water.

### **Section 5 Fire Fighting Measures**

FLASH POINT: Not applicable

FLASH POINT METHOD: Not applicable

UPPER EXPLOSION LIMIT: Unavailable

LOWER EXPLOSION LIMIT: Unavailable

AUTOIGNITION TEMPERATURE: Unavailable

SENSITIVITY/SPARKS: Unavailable

SENSITIVITY/STATIC ELECTRICITY: Unavailable

EXTINGUISHING MEDIA: Water, regular foam, dry chemical or carbon dioxide.

FIRE AND EXPLOSION HAZARDS: None known.

FIRE FIGHTING EQUIPMENT: Wear full protective clothing and self-contained breathing apparatus with full face-piece. Keep personnel removed from and upwind of fire.

### **Section 6 Accidental Release Measures**

Persons not wearing protective equipment should be excluded from the area of the spill until clean-up has been completed. Shovel spilled material into containers. Thoroughly sweep up residual material and shovel into containers.

### **Section 7 Handling and Storage**

HANDLING: Avoid exposing product to temperatures above 104° F (40° C) or light.

STORAGE: Store in a dark place at temperatures between 34 and 86° F (1-30° C). Store away from materials that may contaminate this product.



## **Section 8 Exposure Controls/Personal Protection**

RESPIRATORY PROTECTION: Not required under normal conditions of use.

SKIN PROTECTION: Wear rubber gloves.

EYE PROTECTION: Wear safety glasses or splash goggles when handling any chemical substance.

OTHER PROTECTION: Not required under normal conditions of use.

ENGINEERING CONTROLS: None required.

## **Section 9 Physical and Chemical Properties**

APPEARANCE:	Yellow to orange crystalline powder @ 77° F (25° C)
ODOR:	Odorless
SPECIFIC GRAVITY (H <sub>2</sub> O=1):	1.09 (crystal)
VAPOR PRESSURE (mm Hg):	Negligible
VAPOR DENSITY (Air=1):	Unavailable
INITIAL BOILING POINT:	Unavailable
MELTING POINT:	122-125° F (50-52° C)
EVAPORATION RATE: (Ethyl Ether = 1)	Negligible
SOLUBILITY IN WATER:	Insoluble (1g/10,000 mL max @ 23-25° C)
BULK DENSITY:	Unavailable
VOLATILE %:	Nil
pH:	Unavailable
pH METHOD:	Not applicable

## **Section 10 Stability and Reactivity**

STABILITY (conditions to avoid): Avoid high temperatures and light.  
Product will gradually decompose by light.

INCOMPATIBILITY (materials to avoid): Unknown.

HAZARDOUS DECOMPOSITION PRODUCTS: Unknown.

HAZARDOUS POLYMERIZATION: Cannot occur.

## **Section 11 Toxicological Information**

Acute oral LD<sub>50</sub> (rat) – greater than 4,000 mg/Kg Mutagenicity (Ames test) – negative

## **Section 12 Ecological Information**

No data available.



**Section 13 Disposal Considerations**

Incineration is the recommended disposal method for all chemical wastes; however, this material may be deposited in a landfill in accordance with all federal, state and local regulations.

This material is not considered a hazardous waste under current RCRA regulations.

**Section 14 Transport Information**

Not regulated under current DOT, IMO or ICAO regulations.

**Section 15 Regulatory Information**

TSCA INFORMATION: All components in this product are listed on the TSCA Inventory.  
EINECS: This product is listed on the European Inventory of Existing Chemical Substances (206-147-9).  
SARA 313 INFORMATION: SARA requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are: None.

**Section 16 Other Information**

Hazard Rating:			
Health	0	0 – Least	
Fire	1	1 – Slight	
Reactivity	0	2 – Moderate	
Other	-	3 – High	
		4 – Extreme	

HAZARD RATING METHOD: HMIS  
REASON FOR REVISION: New MSDS.

**Disclaimer:**

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