

Material safety data sheet
According to EU Regulation 1907/2006 in the current version
Coenzyme Q10

1. Identification of the substance/mixture and company

Trade name: Coenzyme Q10
INCI Squalane, Tocopheryl Acetate, Ubiquinone
CAS No. : 303-98-0 / 7695-91-2 / 111-01-3
EINECS/EC No. : 206-147-9 / 231-710-0 / 203-825-6
REACH pre-registration No. : -
Utilization: Raw material for cosmetic or professional use
Supplier company identification: Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania
Tel/Fax: +40259-436.755, www.elemental.eu
Emergency: RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.
International emergency number: +49 180 2273-112

2. Hazards Identification

2.1 Classification of the substance or mixture
Classification (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

2.2 Label elements
Labelling (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

Other hazards
None known.

3. Declaration of ingredients

Brief description of the product: Mixture (preparation) containing active ingredients and auxiliary substances

3.1 Substances
Not applicable

3.2 Mixtures
Hazardous components
Remarks : No hazardous ingredients

4. First aid measures

4.1 Description of first aid measures
General advice : No hazards which require special first aid measures.
If inhaled : Move to fresh air. If symptoms persist, call a physician.

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In case of skin contact : Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water.
In case of eye contact : Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
If swallowed : Clean mouth with water and drink afterwards plenty of water. Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media : Alcohol-resistant foam, Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting : None known.

5.3 Advice for firefighters

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2 Environmental precautions

Try to prevent the material from entering drains or water courses.

6.3 Methods and material for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

For disposal considerations see section 13.

7. Handling and storage

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7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.

Advice on protection against fire and explosion: Take necessary action to avoid static electricity discharge. Product will burn under fire conditions.

Hygiene measures : General industrial hygiene practice.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: Protect against light. Keep container tightly closed and dry.

Advice on common storage : No special restrictions on storage with other products. Recommended storage temperature: 15 - 25 °C

7.3 Specific end use(s)

Specific use(s) : Not applicable

8. Exposure controls / personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Eye protection : Safety glasses

Hand protection : Glove material: for example nitrile rubber

Skin and body protection : Lightweight protective clothing

Respiratory protection : No personal respiratory protective equipment normally required.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : viscous, oily liquid

Colour : orange - clear

Odour : characteristic

Odour Threshold : No information available.

pH : No data available

Melting point/range : not determined

Boiling point/boiling range : not determined

Flash point : ca. 230 °C

Evaporation rate : not determined

Lower explosion limit : not determined

Upper explosion limit : not determined

Vapour pressure : not determined

Relative vapour density : Not applicable

Density : 0.81 - 0.83 g/cm³ (at 20 °C)

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Water solubility : insoluble
Solubility in other solvents : soluble
Partition coefficient: n-octanol/water : Not applicable
Auto-ignition temperature : No data available
Ignition temperature : not determined
Thermal decomposition : No data available
Viscosity, dynamic : not determined
Explosive properties : No data available
Oxidizing properties : No data available

9.2 Other information
No data available

10. Stability and reactivity

10.1 Reactivity
No hazards to be specially mentioned.

10.2 Chemical stability
Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Possible incompatibility with materials listed under section 10.5.

10.4 Conditions to avoid
Heat

10.5 Incompatible materials
Strong acids and strong bases
Strong oxidizing agents

10.6 Hazardous decomposition products
No decomposition if used as directed.

11. Toxicological information

11.1 Information on toxicological effects
Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg (Calculation method)
Skin irritation : No skin irritation (human, Patch Test 48 Hrs.)
Eye irritation : No data available
Sensitisation : Did not cause sensitization. (human, HRIPT: Human Repeat Insult Patch Test)
Carcinogenicity : No indication for carcinogenicity known.
Genotoxicity in vitro : No data available
Reproductive toxicity : This information is not available.

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STOT - single exposure (Acute exposure): The substance or mixture is not classified as specific target organ toxicant, single exposure.

STOT - repeated exposure : This information is not available.

Aspiration toxicity : No aspiration toxicity classification

12. Ecological information

12.1 Toxicity

No data is available on the product itself.

12.2 Persistence and degradability

Biodegradability : No data available

12.3 Bioaccumulative potential

Bioaccumulation : No data available

Partition coefficient: n-octanol/water: Not applicable

12.4 Mobility in soil

Distribution among environmental compartments: No data available

12.5 Results of PBT and vPvB assessment

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Additional ecological information: There is no data available for this product.

13. Disposal considerations

13.1 Waste treatment methods

Product : Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

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14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture NFPA Classification

Health hazard: 0

Fire Hazard: 1

Reactivity Hazard: 0



15.2 Chemical safety assessment

Not applicable

16. Additional information

16.1 Abbreviations

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).

IMDG: International Maritime Code for Dangerous Goods.

INCI: International Nomenclature of Cosmetic Ingredients.

LTE: Long-term exposure.

PNEC: Predicted No Effect Concentration.

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

STE: Short-term exposure.

STEL: Short Term Exposure limit.

STOT: Specific Target Organ Toxicity.

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Disclaimer:

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.