

**SAFETY DATA SHEET**

Version 4.0 Revision Date 03.08.2016

**Material Safety Data Sheet  
Ascorbyl Tetraisopalmitate msds****Section 1: Identification of the Substance/Preparation and of the Company/Undertaking****Identification of the substance or preparation****1.1 Product identifiers****Product** : Tetrahexyldecyl Ascorbate**Name****INCI Name** : Ascorbyl Tetraisopalmitate**CAS#** : 183476-82-6**REACH No.** : A registration number is not available for this substance as the substance or its uses are exempted from registration, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.**1.2 Relevant identified uses of the substance or mixture and uses advised against****Identified uses** : Antioxidant, Skin care in skin care products; Manufacturer of substances**1.3 Details of the supplier of the safety data sheet****Company** : M.C.Biotec Inc.  
47-505, Demin Huayuan  
Nantong, China**Tel** : +86-139-13923033**Fax** : +86-10-80115555 ext 441505**E-mail** : [mc@mcbiotec.com](mailto:mc@mcbiotec.com)**website** : [www.mcbiotec.com](http://www.mcbiotec.com)**1.4 Emergency telephone number****Emergency** : +86-139-13923033**Phone #****Section 2: Hazards Identification****2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

**2.2 Label elements**

The product does not need to be labeled in accordance with EC directives or respective national laws.

**2.3 Other hazards**

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.

**Section 3: Composition and Information on Ingredients**

Synonyms : L-Ascorbicacid, tetrakis(2-hexyldecanoate); BV-OSC; VC-IP;  
Vitamin C tetra-isopalmitate; Ascorbyl tetra-2-hexyldecanoate

Formula :  $C_{70}H_{128}O_{10}$

Molecular : 1129.76 g/mol

**Weight**

CAS-No.	EC-No.	ISHL No.	Concentration (%)
Ascorbyl Tetraisopalmitate			
183476-82-6	--	--	100

No components need to be disclosed according to the applicable regulations.

**Section 4: First Aid Measures**

**4.1 Description of first aid measures**

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**

Wash off with soap and plenty of water.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

no data available

**Section 5: Fire Fighting Measures****5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**5.2 Special hazards arising from the substance or mixture**

Carbon oxides

**5.3 Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**5.4 Further information**

no data available

**Section 6: Accidental Release Measures****6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapors, mist or gas.

For personal protection see section 8.

**6.2 Environmental precautions**

No special environmental precautions required

**6.3 Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

**6.4 Reference to other sections**

For disposal see section 13.

**Section 7: Handling and Storage****7.1 Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.

**7.2 Conditions for safe storage, including any incompatibilities**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Avoid contact with alkaline substances. Avoid contact with strong oxidizing agents.

**7.3 Specific end uses**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

## Section 8: Exposure Controls/Personal Protection

### 8.1 Control parameters

#### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

### 8.2 Exposure controls

#### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

#### Personal protective equipment

##### Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

##### Body Protection

Impervious clothing. , The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Control of environmental exposure

No special environmental precautions required.

### Section 9: Physical and Chemical Properties

#### 9.1 Information on basic physical and chemical properties

<b>a)</b> Appearance	<b>Form:</b> Liquid <b>Colour:</b> Colorless to pale yellow
<b>b)</b> Odour	No data available
<b>c)</b> Odour Threshold	No data available
<b>d)</b> pH	No data available
<b>e)</b> Melting point/freezing point	No data available
<b>f)</b> Initial boiling point and boiling range	No data available
<b>g)</b> Flash point	No data available
<b>h)</b> Evaporation rate	No data available
<b>i)</b> Flammability (solid, gas)	No data available
<b>j)</b> Upper/lower flammability or explosive limits	No data available
<b>k)</b> Vapour pressure	No data available
<b>l)</b> Vapour density	No data available
<b>m)</b> Relative density	No data available
<b>n)</b> Water solubility	Insoluble
<b>o)</b> Partition coefficient: n-octanol/water	No data available
<b>p)</b> Auto-ignition temperature	No data available
<b>q)</b> Decomposition temperature	No data available
<b>r)</b> Viscosity	No data available
<b>s)</b> Explosive properties	No data available
<b>t)</b> Oxidizing properties	No data available

#### 9.2 Other safety information

No data available

### Section 10: Stability and Reactivity

#### 10.1 Reactivity

no data available

#### 10.2 Chemical stability

Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

no data available

**10.4 Conditions to avoid**

Extremes of temperature and direct sunlight.

**10.5 Incompatible materials**

Strong oxidizing agents, alkali

**10.6 Hazardous decomposition products**

Carbon monoxide(CO), carbon dioxide (CO<sub>2</sub>)

**Section 11: Toxicological Information**

**11.1 Information on toxicological effects**

**Acute toxicity**

no data available

**Skin corrosion/irritation**

May cause skin irritation. It can be absorbed through intact skin.

**Serious eye damage/eye irritation**

May cause eye irritation.

**Respiratory or skin sensitization**

May cause irritation of respiratory tract.

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is

identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

RTECS: Not available

**Section 12: Ecological Information****12.1 Toxicity**

no data available

**12.2 Persistence and degradability**

no data available

**12.3 Bioaccumulative potential**

no data available

**12.4 Mobility in soil**

no data available

**12.5 PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or





For this product a chemical safety assessment was not carried out

**Section 16: Other Information**

**Other Special Considerations:** Not available.

**Disclaimer**

*The information above is based on our present knowledge. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Users should make their own investigations to determine the suitability of the information for their particular purposes.*

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