

SAFETY DATA SHEET

according to Regulation (EC) No.1907/2006

Version 2.0 Revision Date 12.10.2016

**Material Safety Data Sheet
Ethyl Ascorbic Acid msds****Section 1: Identification of the Substance/Preparation and of the Company/Undertaking****Identification of the substance or preparation**

Product Name	:	Ethyl Ascorbic Acid
INCI Name	:	3-O-ethyl ascorbic acid
Brand	:	MC Ethyl -Vc
Chemical Name	:	L-ascorbic acid,3-O-ethyl ether
Product Number	:	C02002S
CAS#	:	86404-04-8
Origin	:	Synthetic
Use of the substance/preparation	:	Skin whitening/lightening

Company/undertaking identification**M.C.Biotec Inc.**

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Email: mc@mcbiotec.com Website: www.mcbiotec.com**Section 2: Hazards Identification**

Environmental Hazards:	Nothing known about yet.
Human Health Hazards:	Hazardous in case of eye contact (irritant), of inhalation. Slightly hazardous in case of skin contact (irritant), of ingestion.

Section 3: Composition and Information on Ingredients

INCI Name:	3-O-Ethyl Ascorbic acid
CAS No.:	86404-04-8
Molecular Weight:	204.18
Molecular formula:	C ₈ H ₁₂ O ₆
Hazardous Ingredients:	none
Materials with prescribed limits of the EC:	none

Section 4: 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.

Section 5: Fire Fighting Measures

Flammability of the product: May be combustible at high temperature
Auto-ignition temperature: Not available
Flash Points: CLOSED CUP: Higher than 93.3°C(200°F)
Flammable limits: Not available
Products of Combustion: Carbon oxides (CO, CO2)
Extinguishing Media:
Suitable: Water, dry fire extinguisher, water spraying-jet, alcohol- resistant foam and carbon dioxide
Special Firefighting Procedure: In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6: Accidental Release Measures

Personal Precautions: Avoid contact with eyes.
Environmental Precautions: No special precautions required.
Methods of Cleaning Up: Collect mechanical dispose according to regulation.
 Rinse the remaining material with lots of water.

Section 7: Handling and Storage

Avoid formation of dust during handling, store in a dry and cool place in an airproofed package.

Section 8: Exposure Controls/Personal Protection

Respiratory System Protection: Dust mask with filter for fine dust.
Skin and Body Protection: Recommendable.
Hand Protection: Wear suitable gloves.
Eye Protection: Recommendable.

Section 9: Physical and Chemical Properties

Appearance
Physical State solid

Color	White
Smell	characteristic
pH	3.5 (approx.)
MP/MP Range	116°C (240.8°F)
Solubility	Soluble in water
Section 10: Stability and Reactivity	
Stability	
Chemical Stability: stable under recommended storage conditions	
Materials to Avoid: Strong oxidizing agents.	
Hazardous Decomposition Products	
Hazardous decomposition products formed under fire conditions. – Carbon oxides.	
Hazardous Polymerization	
Will not occur	
Section 11: Toxicological Information	
Skin irritation:	Not an irritant.
Eye irritation:	Not an irritant.
Sensitization:	Not a sensitizer.
Section 12: Ecological Information	
Biological Degradability:	Degradable
Ecological Information:	No corresponding report.
Section 13: Disposal Considerations	
Methods of Disposal: Take notice of national special/regulations. Suitable incineration plant.	
Section 14: Transport Information	
General	
Not a hazardous material	
DOT	
Proper Shipping Name: None	
Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.	
IATA	
Non-Hazardous for Air Transport: Non-hazardous for air transport.	
ADR/RID	
Not dangerous goods	

IMDG

Not dangerous goods

Section 15: Regulatory Information

The products is not subject to mandatory labeling.

INCI Name: 3-O- Ethyl Ascorbic Acid

CAS No.: 86404-04-8

Section 16: Other Information**Further information**

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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