

**SECTION 1: Identification of the substance/mixture and of the company**

**1.1 Product identifiers**

Product name: Mixed Tocopherols Concentrate 95%

**1.2 Details of the supplier of the safety data sheet**

Company: Shandong New Element Biotechnology Co.,Ltd  
No.79, Yinting Road, Qufu , China 273100.  
Telephone : +86-537-4917888  
Fax : +86-537-4536688  
E-mail address : info@newelementchina.com  
Website: www.newelementchina.com  
Emergency Phone : +86-537-4917888

**1.1 Recommended use**

Used as food additives and antioxidants.

**SECTION 2: Compositoin/Information on Ingredients**

CAS No.	Name
59-02-9	D-alpha-Tocopherol
16698-35-4	D-beta-Tocopherol
54-28-4	D-gamma-Tocopherol
119-13-1	D-delta-Tocopherol

**SECTION 3: Hazards identification**

No particular hazards known.

**SECTION 4: First aid measures**

**INHALATION**

Remove from exposure site to fresh air and seek medical intention.

**SKIN CONTACT**

Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water.

**EYE CONTACT**

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

**INGESTION**

Rinse mouth and then drink plenty of water.

**SECTION 5: Firefighting measures**

**EXTINGUISHING MEDIA**

Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

**FIREFIGHTING**

Protective Equipment: Wear self-contained breathing apparatus and protective clothing

Specific Hazard(s): No particular hazards known.

**SECTION 6: Accidental release measures**

**PERSONAL PRECAUTIONS**

No special precautions necessary

**ENVIRONMENT PRECAUTIONS**

Do not discharge into drains/surface water/groundwater.

**METHODS FOR CLEANING UP**

Collect and hand over to waste removal.

**SECTION 7: Handling and storage**

**HANDLING**

Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation.

Observe good personal hygiene, and do not eat, drink or smoke whilst handling.

**STORAGE**

Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light.

**SECTION 8: Exposure controls/personal protection**

**ENGINEERING CONTROLS**

Safety shower and eye bath. Mechanical exhaust required.

**PERSONAL PROTECTIVE EQUIPMENT**

Respiratory: Wear dust mask

Hand: Protective gloves.

Eye: Chemical safety goggles.

**GENERAL HYGIENE MEASURES**

Wash thoroughly after handling.

**SECTION 9: Physical and chemical properties**

Form: Clear oily liquid. It may show a slight separation of waxlike constituents in microcrystalline form.

Color: Brownish red

Odor: Little odor

Melting point: 2~3 °C

Boiling point: 200~220°C

Flash point: No information available

Ignition temperature: No information available

Explosion limits: Lower not available

Upper not available

Density (20 °C): ~ 0.92g/cm<sup>3</sup>

Solubility in water (20 °C): Insoluble

Ether: Freely soluble

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

**SECTION 10: Stability and reactivity**

Chemical Stability: Stable under normal temperatures and pressures.

Conditions to Avoid: Incompatible materials, light, dust generation, exposure to air, alkali, excess heat, strong oxidants.

Incompatibilities with Other Materials: Air, oxidizing agents, alkali.

Hazardous Decomposition Products: No information available.

Hazardous Polymerization: Has not been reported.

**SECTION 11: Toxicological information**

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Epidemiology: No information found.

Teratogenicity: No information found.

Reproductive Effects: No information found.

Neurotoxicity: No information found.

Mutagenicity: No information found.

Other Studies: See actual entry in RTECS for complete information.

**SECTION 12: Ecological information**

No data available.

**SECTION 13: Disposal considerations**

Observe national and local legal requirements.

**SECTION 14: Transport information**

Not classified as hazardous under transport regulations. Not regulated by IMDG.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No data available

**15.2 Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

**SECTION 16: Other information**

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all

precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfill his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.