Section 1 - Identification of Substance and Company

Product Name: Alpha-Tocopherol  
Generic Name: Vitamin E  
Supplier: BulkActives  
P.O Box 38-76  
Keelung City 20299  
Taiwan  
email: info@bulkactives.com  
Emergency Phone Numbers: CHEMTREC (24HR Emergency Telephone), call:1-800-424-9300  
International CHEMTREC, call:1-703-527-3887

Section 2 – Hazard Identification

Classification of the substance or mixture:  
According to Regulation EC 1272/2008 not classified as hazardous.  
Label elements: None.  
Other hazards: No hazardous effects on health and environment known.

Section 3 – Information on Ingredients

<table>
<thead>
<tr>
<th>INCI Name</th>
<th>CAS Number</th>
<th>EINECS</th>
</tr>
</thead>
<tbody>
<tr>
<td>D-alpha-tocopherol</td>
<td>59-02-9</td>
<td>200-412-2</td>
</tr>
</tbody>
</table>

Section 4 - First Aid Measures

Description of first aid measures:  
After skin and eye contact: Flush with warm water.  
After ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. If large quantities of this material are swallowed, call a physician.  
After inhalation: Move person into fresh air. If not breathing, give artificial respiration.  
Most important symptoms and effects, both acute and delayed: See section 11.  
Indication of any immediate medical attention and special treatment needed: If problems resist, consult a physician.

Section 5 - Explosion and Fire-Fighting Measures

Extinguishing Media: Foam, CO2, extinguishing powder  
Special hazards arising from the substance or mixture: Carbon oxides  
Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.

Section 6 - Accidental Release/Spill Procedures

Personal precautions, protective equipment and emergency procedures: Safety glasses, lab coat, dust respirator  
Environmental precautions: Keep away in larger quantities from bodies of water or sewage systems.
Methods and materials for containment and cleaning up: Sweep up and keep in suitable, closed containers for disposal.

Reference to other sections: None.

Section 7 - Handling and Storage

Precautions for safe handling: Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities: Store in tightly closed container, protected from light and heat at room temperature under nitrogen blanket.

Specific end uses: No specific uses.

Section 8 - Personal Protection

Control parameters: None.

Exposure controls: No special protection is required.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties:
Appearance: viscous liquid
Colour: yellow brownish
Solubility (in water): practically insoluble
Specific Gravity (at 25 °C): 0.92 – 0.96
Boiling Point: > 200 °C
Flash Point: > 200 °C
Viscosity: 70 – 210 cP

Other information: No data available.

Section 10 - Stability and Reactivity

Reactivity: No dangers known.

Chemical stability: Stable under storage conditions. Avoid air, light, heat and oxidising substances.

Possibility of hazardous reactions: No dangerous reactions known.

Conditions to avoid: Air, light, heat and oxidising substances.

Incompatible materials: Unknown

Hazardous decomposition products: No dangerous decomposition products known.

Section 11 - Toxicological Information

Information on toxicological effects

Routes of entry: Ingestion. Skin.

Acute Toxicity: Oral: >25 ml/kg (Mouse) und >4 g/kg (Rat); parenteral: 440 mg/kg (Mouse); dermal: > 2 g/kg (Rat)

Irritancy: Not irritating on skin, slightly irritating on eyes (Draize 6 of 110).

Sensitisation (Patch Test): 5% alpha-Tocopherol in Petrolatum: allergic (0.2%), irritation (0.04%).

Carcinogenicity: 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.
Section 12 - Ecological Information

Toxicity  Water Hazard Class: 1
Persistence and degradability  No data available.
Bioaccumulative potential  No data available.
Mobility in soil  No data available.
Results of PBT and vPvB assessment  No data available.
Other adverse effects  No data available.

Section 13 - Disposal Considerations

Waste Disposal Methods: Dispose of according to local, state and federal regulations. Burning or deposition.

Section 14 - Transport Information

UN-Number
ADR/RID: -
IMDG: -
IATA: -

UN proper shipping name
ADR/RID: Not dangerous goods.
IMDG: Not dangerous goods.
IATA: Not dangerous goods.

Transport hazard class(es)
ADR/RID: -
IMDG: -
IATA: -

Packing group
ADR/RID: -
IMDG: -
IATA: -

Environmental hazards
ADR/RID: no
IMDG: no
IATA: no

Special precautions for user  No special precautions needed.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code  No data available.

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment  No data available.
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