

Safety Data Sheet
According to Regulation (EC) No 1907/2006 (REACH)

Revision Date: March 27, 2017

Version No.: 2

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

- | | | |
|------------|---|--|
| 1.1 | Product Identifier
Product Name | CLEAR VITAMIN E |
| 1.2 | Relevant Identified Uses of the Substance or Mixture and Uses Advised Against
Identified uses | Cosmetic raw material |
| 1.3 | Details of the Supplier of the Safety Data Sheet
Company | TKB Trading, LLC

1101 9th Avenue
Oakland, CA 94606
Tel: 510-922-9027
www.tkbtrading.com |

SECTION 2 – HAZARDS INGREDIENTS

- | | | |
|------------|--|------------|
| 2.1 | Classification of the Substance or Mixture according to Regulation (EC) 1272/2008 | None |
| 2.2 | Label Elements according to Regulation (EC) EU 1272/2008 | |
| | Hazard pictogram | None |
| | Signal words | None |
| | Hazard statements | None |
| | Precautionary statements | None |
| 2.3 | Other Hazards | None known |

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

- | | | |
|------------|---------------------------|----------------------|
| 3.1 | Substances | |
| | Chemical characterization | Cosmetic ingredients |
| | INCI | Tocopheryl Acetate |
| | CAS | 7695-91-2 |
| | EC | 231-710-0 |
| | Concentration | 100% |
| 3.2 | Mixture | - |

SECTION 4 – FIRST AID MEASURES

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|------------|--|--|
| 4.1 | Description of First Aid Measures | |
| | Inhalation: | Remove to fresh air. If discomfort occurs or persists, get medical attention |
| | Skin Contact: | Wash with soap and plenty of water. Remove contaminated clothing |

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Eye Contact:	and shoes. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open to assure complete contact with water. If irritation occurs or persists, get medical attention.
Ingestion:	If large quantities of this material are swallowed, Contact a physician or poison control center. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

4.2 **Most important Symptoms and Effects** No information available

4.3 **Indication of any immediate Medical Attention and special Treatment needed**
No information available.

SECTION 5 – FIRE FIGHTING MEASURES

5.1 Extinguishing Media	Water, Carbon Dioxide, Dry Chemical, Foam.
5.2 Flash point:	NA
5.4 Unusual Fire and Explosion Hazards	Severe dust explosion hazard.
5.5 Fire Fighting Procedures	Wear NIOSH/MSHA approved positive pressure, self-contained breathing apparatus and full protective turn out gear. Use caution in approaching fire. Remove containers of this material if it can be done safely. Use water to keep fire exposed containers cool. Material is considered non-flammable. Lower Explosion Limit (LEL): NA Upper Explosion Limit (UEL): NA

SECTION 6 – ACCIDENTAL RELEASE MEASURES

6.1 Methods and Material for Containment and Cleaning Up	Use proper personal protective equipment and special clothing, shut off the source of the spill or leak if it is safe to do so. Eliminate possible ignition sources. Follow appropriate grounding procedures, scoop or shovel spilled material into a suitable labeled open head drum. Secure the drum cover and move the container to a safe holding area. Wash spill area thoroughly with soapy water.
6.4 Reference to other Sections	Section 8: Exposure control /personal protection. Section 13: Waste treatment.

SECTION 7 – HANDLING AND STORAGE

71. Precautions for Safe Handling	Do not generate dust or expose to ignition sources. Mixing / drying should be performed in devices equipped with explosion relief or suppression systems or under inert conditions. Use with adequate
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ventilation. Avoid contact with eyes, skin and clothing. Avoid breathing dust and use proper personal protective equipment when handling. Wash thoroughly after handling.

7.2 Condition for Safe Storage, including any Incompatibilities

Keep container tightly closed when not in use. Store out of direct sunlight in a cool place well ventilated. Storage temperature should be less than 25 deg. C. Shelf life is about 24 months. Special sensitivity to humidity and light.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls

Ventilation should be adequate unless the process generates airborne dust or fume.

8.2 Personal Protective Equipment
Respirator Type & Glove Material

Half face, nontoxic dust/mist filter. Use any plastic or rigid rubber glove, it is recommended if there is a potential for skin contact.

Skin Protection:

Use protective clothing (lab coats, disposable coveralls, etc.) in both production and laboratories area.

Eye Protection:

Safety glasses required, safety goggles recommended.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Appearance & Odor:

Light Yellow, viscous, oily liquid

Boiling Point:

NA

Acid Value:

< = 0.05

Free Tocopherol:

0.13 %

Density:

0.950 /ml

SECTION 10 – STABILITY AND REACTIVITY

10.1 Chemical Stability

Stable, even under fire exposure conditions and not water reactive

10.2 Conditions to Avoid

Temp. > 200 C , source of ignition, light, airborne & dust accumulation

10.3 Hazardous Polymerization

Will not occur

10.4 Hazardous Decomposition Products

Carbon dioxide, Carbon monoxide and Oxides of nitrogen

10.5 Incompatible Materials

Bases, Reducing agents and Trace minerals

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

No data available.

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Elimination Information

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Test Method:	OECD 301E / EEC 84-449,C.3, Analysis Method: DOC reduction, Elimination Degree <20%
Test Method:	OCED 302B / ISO9888 / EEC 88/302, C, Analysis Method: DOC reduction, Elimination Degree >70%
12.2 Ecotoxic Effects on Fish & Bacteria	
Test Method:	DIN 38412, L1, L15. LC50 / Lecuciscus idus/: >220<460mg/1/96h. NOEC:220MG/1 Toxicity to Fish
Test Method:	DIN38412 Part 8, EC/LC50(16h):210 mg/1, EC/LC50 (16h):250 mg/1, ECLC90 (16h):mg/1.
12.3 Behavior & Environmental Fate	Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentration. Inhibition of respiration in activated sludge EC20 > 1000 mg/1 (ISO 8192 / OECD 209 / EEC 88/302 C).
12.4 Further Information	Do not discharge product into natural water without pretreatment. COD Value: 1490 mg/g.

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods	This Material is suitable for incineration. Empty containers must be triple rinsed prior to disposal, recycling or reuse
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SECTION 14 – TRANSPORTATION INFORMATION

14.1 County / Community	USA
14.2 Enforcement Agency	US DOT. Status: Not Regulated
14.3 International Maritime Dangerous Goods	IMDG: Not Regulated
14.4 Enforcement Agency	Int'l Air Transport Association. ICAO Status: Not Regulated

SECTION 15 – REGULATORY INFORMATION

15.1 Law/Regulation	Hazardous Chemical Reporting: Community Right-To-Know 40CFR370
Common Name:	SARA Title III Section 312-Hazardous Chemical Inventory
Enforcement Agency:	Environmental Protection Agency (EPA)
Governing Authority:	USA
Criteria Met:	Fire

SECTION 16 – OTHER INFORMATION

NFPA Rating: These ratings are based on NFPA Cod 704 and are intended for use by emergency personnel to determine the immediate hazards of a material.

Fire: 1
Health: 0
Reactivity: 0

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IRAC: Not Listed
ACGIH: Not Listed
NTP: Not Listed
OSHA: Not Listed

National Fire Protection Association (USA)
Health 2
Flammability 1
Reactivity 0
Specific Hazard -

HMIS (USA)
Health Hazard: 1
Fire Hazard: 1
Reactivity: 0
Personal Protection: -

Personal Protective Equipment:

Protective Gloves (impervious), Lab coat, Vapor respirator. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Splash goggles.

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