

**Safety Data Sheet**

30-3744

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Section 1: Identification

Product Name TamaE-S1210 (d-alpha Tocopheryl Acid Succinate 1210 IU)
Commercial Name Not available.
Product Use Food ingredient
Restrictions On Use Not available.
Product Code 30-3744
Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available.
CFR 1910.1200
Signal Word NON-HAZARDOUS
Hazard Statement(s) Not available.
Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention Avoid contact with eyes, skin and clothing. Wear protective gloves/protective clothing/eye protection/face protection
Response If on eye: wash with plenty of water. Get medical advice/attention If on skin: wash with plenty of soap and water. If irritation occurs: Get medical advice/attention If in mouth: vomit by putting fingers in the mouth. Get medical advice/attention If case of fire: Evacuate area, stop leak if safe to do so, use proper fire-extinguishers (e.g. foam, dry chemical powder, CO₂) for extinction.
Storage Store in a shading, closed container
Disposal Dispose of contents/container to relevant local and national regulations.

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance
Components D-alpha-Tocopheryl Succinate
% By Weight >=96.0%
CAS# 4345-03-3
Molecular Weight 530.87 g/mole
Chemical Formula C33H54O5
Synonym(s) Tocopherol Succinate, Vitamin E succinate

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Tocopheryl Acid Succinate (D-Alpha)	4345-03-3	>=96.0%		

Section 4: First-Aid Measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, Administer mouth-to-mouth resuscitation. Get immediate medical attention.
Skin Contact	NO harmful. Wipe with cloth or papers etc. and wash with soap and water. If any irritation occurs; Get immediate medical attention.
Eye Contact	Wash immediately with plenty of water. Get medical attention if irritation develops and persists.
Ingestion	If swallowed, vomit by putting fingers in the mouth. Get medical advice/attention.
Symptoms/Effects	
Acute	Not available.
Delayed	Not available.
Immediate Medical Attention	
Not available	

Section 5: Fire-Fighting Measures**Suitable Extinguishing Media**

Foam. Dry chemical or CO₂. Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable Extinguishing Media

Not available.

Products of Combustion

Explosion hazard: Avoid generating dust; fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source is a potential dust explosion hazard.

Firefighters Special Equipment and Precautions

Wear protective fire fighting gear and fireproof clothes for protection against possible exposure. Extinguish a fire with foam, dry chemical powder or carbon dioxide extinguishing media.

Section 6: Accidental Release Measures

Occupational spill/release: keep unnecessary people away, isolate hazard area and deny entry. Wear personal protective clothing and equipment, see Section 8. Caution for environment: Ecological toxicity is not recognized. Containment, cleaning method and instruments: Collect spilled material in appropriate container for disposal. Wipe off spilled material with soft cloth or paper.

Section 7: Handling and Storage

Handling: Wear personal protective clothing and equipment, see section 8. Avoid contact with eyes, skin and clothing. Almost harmless if contact. Wipe and wash thoroughly after handling. Storage: Store and handle in accordance with all current regulations and standards. Store in a shaded, closed container. If possible, store in a well ventilated, cool and dark place.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	If necessary, Provide local exhaust fan.
Personal Protection	Respiratory protection: Not corresponding. Hand protection: Wear appropriate chemical resistant gloves. Eye protection: If necessary, wear splash resistant safety goggles. Skin protection: If necessary, wear appropriate chemical resistant clothing. General hygiene considerations: Handling practices in this SDS are recommendations for laboratory use of reference standards. Procedures for any other uses or quantities should be determined after an appropriate assessment.

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Section 9: Physical and Chemical Properties

Appearance	White to slightly yellow powder		
Odor	Not available.		
Odor Threshold	Not available.		
Melting Point	167 °F (75 °C)	pH	Not available.
Freezing Point	Not available.	Vapor Pressure	Not available.
Boiling Point/Range	Not available.	Vapor Density	Not available.
Decomposition temperature	Not available.	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available.	Evaporation Rate	Not available.
Flash Point	Not available.	Autoignition temperature	Not available.
Flammability	Not available.	Flammability or Explosive Limits:	
		Lower	Not available.
		Upper	Not available.
Solubility(ies)	Insoluble in water, ethanol, acetone. Soluble in benzene, chloroform.		
Other	Chemical family Benzopyran derivative; ester. Dust explosion properties Kst 133 bar.m/s Molecular formula C33H54O5 Molecular weight 530.8		

Section 10: Stability and Reactivity

Reactivity	Not available.
Chemical Stability	Material is stable under normal conditions.
Hazardous Polymerization	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Avoid exposure to high temperatures, direct sunlight. If possible, keep in cool and dark spaces.
Incompatible Materials	Avoid contact with strong oxidizing agents and strong acids.
Hazardous Decomposition Products	Not available.

Section 11: Toxicological Information

RTECS EJ9984000

Acute Toxicity

Oral LD50 Rat > 5 g/kg

Skin Corrosion/Irritation

Not available.

Serious Eye Damage/Irritation

No irritating (rabbit)

Respiratory or Skin Sensitization

No skin sensitization (human, guinea pig)

Germ Cell Mutagenicity

Negative (Chinese hamster ovarian cell)

Carcinogenicity

Negative

Reproductive Toxicity

Negative

Routes of Entry

Ingestion.

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Symptoms Related to Exposure

Not available.

Potential Health Effects

Not available.

Target Organ(s)

Not available.

Section 12: Ecological Information**Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and Degradability

Not available.

Bioaccumulative Potential

Not available.

Mobility in Soil

Not available.

Other Adverse Effects

Not available.

Section 13: Disposal Considerations**Waste Disposal**

Disposee in accordance with all applicable regulations. Burn in a chemical incinerator equipped with an afterburner and scrubber. Contaminated vessel and package Wash and recycle use or dispose in accordance with all applicable regulations.

Disposal of Container

Since emptied containers may retain product residue, follow label warnings even after container is emptied.

Other Considerations

Not available.

Section 14: Transport Information**DOT Classification**

Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information**Regulations**

US federal regulations: This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200 TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D) Not regulated. CERCLA Hazardous Substance List (40 CFR 302.4) Not listed. SARA 304 Emergency release notification Not regulated. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not regulated. Superfund Amendments and Reauthorization Act of 1986 (SARA) Immediate Hazard - No Delayed Hazard - No Fire Hazard - Yes Pressure Hazard - No Reactivity Hazard - No SARA 302 Extremely hazardous substance Not listed. YesSARA 311/312 Hazardous chemical SARA 313 (TRI reporting) Not regulated. Other federal regulations Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List Not regulated. Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated. Not regulated.Safe Drinking Water Act (SDWA) This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm

Other

Not available.

Section 16: Other Information

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