



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name • Farnam® Apple Elite™ Paste Electrolyte

Synonyms • SAP No.: 100518854; UPC No.: 086621607989

Product Description • Cream paste.

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Supplement for horses

Restrictions on use • Intended for horses only; KEEP OUT OF THE REACH OF CHILDREN This product should not be given to animals intended for human consumption. May cause an allergic reaction in individuals with a sensitivity to parabens.

Details of the supplier of the safety data sheet

Manufacturer • Farnam Companies, Inc.

P.O. Box 34820
Phoenix, AZ 85067-4820
United States
www.farnamhorse.com

Telephone (General) • 1-800-234-2269

Emergency telephone number

Manufacturer (Transportation) • 1-800-424-9300 - CHEMTREC

Manufacturer (Transportation) • 1-703-527-3887 - CHEMTREC - Outside the US collect calls accepted

Section 2: Hazard Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Skin Sensitization 1 - H317

Label elements

OSHA HCS 2012

WARNING



Hazard statements • May cause an allergic skin reaction - H317

Precautionary statements

- Prevention**
 - Read label before use. - P103
 - Product may cause irritation or allergic reaction to skin. Individuals with known allergies to common animal feed ingredients or parabens should use caution when handling this product.
 - Avoid breathing dust, fume, gas, mist, vapours and/or spray. - P261
 - Contaminated work clothing should not be allowed out of the workplace. - P272
 - Wear protective gloves.
- Response**
 - Specific measures, see supplemental first aid information. - P322
 - Get medical advice/attention if you feel unwell. - P314
 - If skin irritation or rash occurs: Get medical advice/attention. - P333+P313
 - IF ON SKIN: Wash with plenty of soap and water. - P302+P352
 - Wash contaminated clothing before reuse. - P363
- Storage/Disposal**
 - Store in a cool, dry place
 - Refer to Section 13 - Disposal Considerations
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

Other hazards

- OSHA HCS 2012
- No data available

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Mixtures

Composition			
Chemical Name	Identifiers	%	Classifications According to Regulation/Directive
Sodium chloride	CAS:7647-14-5	40% TO 50%	OSHA HCS 2012: Not classified - criteria not met
Potassium chloride	CAS:7447-40-7	10% TO 15%	OSHA HCS 2012: Not classified - criteria not met
Benzoic acid, p-hydroxy-, methyl ester	CAS:99-76-3	0% TO 1%	OSHA HCS 2012: Comb. dust; Skin Sensitization Cat. 1
Benzoic acid, p-hydroxy-, propyl ester	CAS:94-13-3	0% TO 1%	OSHA HCS 2012: Comb. dust; Skin Sensitization Cat. 1
Calcium chloride	CAS:10043-52-4	1% TO 5%	OSHA HCS 2012: Acute toxicity Cat. 4 (Oral)
Magnesium chloride	CAS:7786-30-3	1% TO 5%	OSHA HCS 2012: Not classified - criteria not met.
Potassium citrate monohydrate	CAS:6100-05-6	1% TO 5%	OSHA HCS 2012: STOT-RE - Mucous membranes
Food Grade Ingredients	NDA	N/A	OSHA HCS 2012: Not classified - criteria not met

Section 4: First-Aid Measures

Description of first aid measures

- Inhalation**
- No data available.
- Skin**
- Wash skin with soap and water. If irritation develops and persists, get medical attention. Wash contaminated clothing before reuse.
- Eye**
- Flush eyes with water for at least 15 minutes.
- Ingestion**
- Wash down with water.

Most important symptoms and effects, both acute and delayed

- No data available

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- May cause an allergic reaction in individuals with a sensitivity to parabens.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media • Water, CO2 or dry chemical.

Unsuitable Extinguishing Media • None known.

Firefighting Procedures • No data available.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • None known.

Hazardous Combustion Products • None known.

Advice for firefighters

- No data available

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions • No special precautions expected to be necessary if material is used under ordinary conditions and as recommended.

Emergency Procedures • None specified.

Environmental precautions

- No data available

Methods and material for containment and cleaning up

Containment/Clean-up Measures • Sweep or scoop up spills, dispose of any unusable material in approved landfill.

Section 7 - Handling and Storage

Precautions for safe handling

Handling • Avoid contact with skin or eyes.

Conditions for safe storage, including any incompatibilities

Storage • Store in cool, dry area, inaccessible to children. Store at temperatures not exceeding 90 degrees F.

Incompatible Materials or Ignition Sources • As with all feedstuff, do not store near hazardous or toxic substances. Strong acids.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure controls

Engineering Measures/Controls • No data available

Personal Protective Equipment

Pictograms



Respiratory • Not required with normal use.

Eye/Face • Not required.

Hands • Wear appropriate gloves.

Skin/Body • If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

Environmental Exposure Controls • No data available

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	cream paste.
Color	Cream	Odor	No data available.
Odor Threshold	No data available	Physical and Chemical Properties	No data available
General Properties			
Boiling Point	No data available	Melting Point	No data available
Decomposition Temperature	No data available	pH	Not relevant
Specific Gravity/Relative Density	No data available	Water Solubility	No data available
Viscosity	Not relevant		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	Not relevant	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No data available.

Chemical stability

- Stable

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- No data available.

Incompatible materials

- Avoid storage with or near toxic substances.

Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

Information on toxicological effects

Component Name	CAS	Data
Sodium chloride (40% TO 50%)	7647-14-5	Irritation: eye-rbt 100 mg/24H MOD
Potassium chloride (10% TO 15%)	7447-40-7	Acute Toxicity: orl-rat LD50:2600 mg/kg; Irritation: eye-rbt 500 mg/24H MLD
Benzoic acid, p-hydroxy-, methyl ester (0% TO 1%)	99-76-3	Acute Toxicity: orl-rat LD50:2100 mg/kg; Irritation: skn-rbt 0.1 mL/24H MLD
Benzoic acid, p-hydroxy-, propyl ester (0% TO 1%)	94-13-3	Acute Toxicity: orl-mus LD50:6332 mg/kg
Calcium chloride (1% TO 5%)	10043-52-4	Acute Toxicity: orl-rbt LD50:1384 mg/kg; orl-rat LD50:1 gm/kg
Magnesium chloride (1% TO 5%)	7786-30-3	Acute Toxicity: orl-rat LD50:2800 mg/kg

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Acute Toxicity - Dermal - Classification criteria not met; Acute Toxicity - Inhalation - Classification criteria not met; Acute Toxicity - Oral - Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

- Acute (Immediate)** • No data available
- Chronic (Delayed)** • No data available

Skin

- Acute (Immediate)** • No data available
- Chronic (Delayed)** • Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact if you are sensitized to parabens or common animal feed ingredients.

Eye

- Acute (Immediate)** • No data available
- Chronic (Delayed)** • No data available

Ingestion

Acute (Immediate) ● No data available

Chronic (Delayed) ● No data available

Other

Chronic (Delayed) ● No data available.

Section 12 - Ecological Information**Toxicity**

- No data available

Persistence and degradability

- No data available

Bioaccumulative potential

- No data available

Mobility in Soil

- No data available

Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations**Waste treatment methods**

Product waste ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste ● Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class (es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	N/A	N/A	N/A
IMO/IMDG	NDA	Not Regulated	N/A	N/A	N/A
IATA/ICAO	NDA	Not Regulated	N/A	N/A	N/A

Special precautions for user ● None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code ● No data available

Other information

IMO/IMDG ● No data available

IATA/ICAO ● No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture**SARA Hazard Classifications** • Chronic

Inventory		
Component	CAS	TSCA
Benzoic acid, p-hydroxy-, methyl ester	99-76-3	Yes
Benzoic acid, p-hydroxy-, propyl ester	94-13-3	Yes
Calcium chloride	10043-52-4	Yes
Magnesium chloride	7786-30-3	Yes
Potassium chloride	7447-40-7	Yes
Potassium citrate monohydrate	6100-05-6	No
Sodium chloride	7647-14-5	Yes

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Magnesium chloride	7786-30-3	Not Listed
• Benzoic acid, p-hydroxy-, methyl ester	99-76-3	Not Listed
• Benzoic acid, p-hydroxy-, propyl ester	94-13-3	Not Listed
• Calcium chloride	10043-52-4	Not Listed
• Potassium chloride	7447-40-7	Not Listed
• Sodium chloride	7647-14-5	Not Listed
• Potassium citrate monohydrate	6100-05-6	Not Listed

Section 16 - Other Information

Last Revision Date	• 12/May/2014
Preparation Date	• 12/May/2014
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