



## Safety Data Sheet

### Section 1: Identification

#### Product identifier

**Product Name** • Farnam OTC Jug

**Product Code** • 100515310

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

**Recommended use** • Vitamin & mineral supplement for horses

**Restrictions on use** • Intended for horses only

#### Details of the supplier of the safety data sheet

**Manufacturer** • Farnam Companies, Inc.  
P.O. Box 34820  
Phoenix, AZ 85067-4820  
United States  
www.farnam.com

#### Emergency telephone number

**Manufacturer** • 1-800-234-2269

**Manufacturer** • 1-800-424-9300 - CHEMTREC

**Manufacturer** • 1-202-483-0414 - District of Columbia

### Section 2: Hazard Identification

#### United States (US)

According to OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

**OSHA HCS 2012** • Serious Eye Damage 1 - H318  
Skin Corrosion 1 - H314

#### Label elements

**OSHA HCS 2012**

**DANGER**



- Hazard statements**
- Causes serious eye damage - H318
  - Causes severe skin burns and eye damage. - H314

**Precautionary statements**

- Prevention**
- Do not breathe dusts or mists. - P260
  - Wash thoroughly after handling. - P264
  - Wear protective gloves/protective clothing/eye protection/face protection. - P280
- Response**
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. - P301+P330+P331
  - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353
  - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. - P305+P351+P338
  - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P340
  - Immediately call a POISON CENTER or doctor/physician. - P310
  - Specific treatment (see supplemental first aid instructions on this label). - P321
  - Wash contaminated clothing before reuse. - P363

- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501
  - Store locked up. - P405

**Other hazards**

- OSHA HCS 2012**
- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## 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	%	LD50/LC50	Classifications According to Regulation/Directive
Glycerine	CAS:56-81-5 EC Number:200-289-5	1.2%	Ingestion/Oral-Rat LD50 • 12600 mg/kg	OSHA HCS 2012: Eye Irrit. 2B
Phosphoric acid, trisodium salt, dodecahydrate	CAS:10101-89-0	5.55%	Ingestion/Oral-Rat LD50 • 7400 mg/kg	OSHA HCS 2012: Skin Corr. 1B; Eye dam. 1
Potassium chloride	CAS:7447-40-7 EC Number:231-211-8	2.8%	Ingestion/Oral-Rat LD50 • 2600 mg/kg	OSHA HCS 2012: Skin Cat. 2; Eye Cat. 2

## Section 4: First-Aid Measures

### Description of first aid measures

- Inhalation**           • No data available.
- Skin**                   • Wash skin with soap and water.
- Eye**                   • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a physician or poison control center.
- Ingestion**           • Give plenty of water to drink. Get medical attention if symptoms occur.

### Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### Indication of any immediate medical attention and special treatment needed

- Antidotes**           • There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

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## Section 5: Fire-Fighting Measures

### Extinguishing media

- Suitable Extinguishing Media**   • In case of fire use media as appropriate for surrounding fire.
- Unsuitable Extinguishing Media**   • Avoid misting.

### Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**   • None known.
- Hazardous Combustion Products**   • No data available.

### Advice for firefighters

- Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

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## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

- Personal Precautions**           • None specified.
- Emergency Procedures**       • Keep unauthorized personnel away.

### Environmental precautions

- No data available

### Methods and material for containment and cleaning up

- Containment/Clean-up Measures**   • Contain and recover liquid when possible. Scrub contaminated surfaces with detergent and water, and collect wash water solution for proper disposal according to label directions.

## Section 7 - Handling and Storage

### Precautions for safe handling

**Handling** • Handle and open container with care. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

### Conditions for safe storage, including any incompatibilities

**Storage** • Keep out of reach of children. Keep container closed when not in use. Store away from incompatible material. Store away from oxidizers.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

Exposure Limits/Guidelines			
	Result	ACGIH	OSHA
Glycerine (56-81-5)	TWAs	10 mg/m3 TWA (mist)	15 mg/m3 TWA (mist, total particulate); 5 mg/m3 TWA (mist, respirable fraction)

### Exposure Limits Supplemental

#### ACGIH

•Glycerine (56-81-5): TLV Basis - Critical Effects: (upper respiratory tract irritation (mist)) |

### Exposure controls

**Engineering Measures/Controls** • Not required.

#### Personal Protective Equipment

#### Pictograms



#### Respiratory

- None specified.

#### Eye/Face

- Wear safety glasses. (if potential for splashing)

#### Skin/Body

- Wear appropriate gloves.

#### Environmental Exposure Controls

- Refer to Section 13 - Disposal Considerations.

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

<b>Material Description</b>			
Physical Form	Solid	Appearance/Description	Natural dark olive paste with strong vitamin smell (turns darker over time)
Color	Dark olive green.	Odor	Strong vitamin smell.
Taste	No data available	Odor Threshold	No data available
Physical and Chemical Properties	No data available		
<b>General Properties</b>			
Decomposition Temperature	No data available	Heat of Decomposition	No data available
pH	No data available	Density	No data available
Water Solubility	No data available	Viscosity	No data available
Oxidizing Properties:	No data available		
<b>Volatility</b>			
Vapor Pressure	No data available	Evaporation Rate	No data available
<b>Flammability</b>			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Not Flammable.		
<b>Environmental</b>			
Half-Life	No data available	Octanol/Water Partition coefficient	No data available

## Section 10: Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable

### Possibility of hazardous reactions

- Hazardous polymerization will not occur.

### Conditions to avoid

- None known.

### Incompatible materials

- Materials To Avoid: Acids

### Hazardous decomposition products

- None known.

## Section 11 - Toxicological Information

### Information on toxicological effects

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012•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•Skin Corrosion 1
Skin sensitization	OSHA HCS 2012•Classification criteria not met
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•Serious Eye Damage 1

### Potential Health Effects

#### Inhalation

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

#### Skin

- Acute (Immediate)**                     • May cause skin sensitization. Symptoms include redness, and skin rash.
- Chronic (Delayed)**                     • No data available

#### Eye

- Acute (Immediate)**                     • May cause severe irritation and/or burns. May cause corrosive burns - irreversible damage.
- Chronic (Delayed)**                     • Repeated and prolonged exposure may be harmful.

#### Ingestion

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

## Section 12 - Ecological Information

### Toxicity

### Persistence and degradability

- No data available

**Bioaccumulative potential**

- No data available

**Mobility in Soil**

- No data available

**Results of PBT and vPvB assessment**

- No PBT and vPvB assessment has been conducted.

**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**

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NOT REGULATED	NDA	NDA	NDA	NDA

**Special precautions for user**

- No data available

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- No data available

**Section 15 - Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SARA Hazard Classifications** • Not classified

State Right To Know				
Component	CAS	MA	NJ	PA
Glycerine	56-81-5	Yes	Yes	Yes
Sodium chloride	7647-14-5	No	No	No
Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	Yes	No	Yes
Potassium chloride	7447-40-7	No	No	No

**Inventory**

Component	CAS	TSCA
Glycerine	56-81-5	Yes
Sodium chloride	7647-14-5	Yes
Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	No
Potassium chloride	7447-40-7	Yes

## United States

### Environment

#### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

•Potassium chloride	7447-40-7	Not Listed
•Glycerine	56-81-5	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	5000 lb final RQ (listed under Sodium phosphate, tribasic); 2270 kg final RQ (listed under Sodium phosphate, tribasic)

## United States - California

### Environment

#### U.S. - California - Proposition 65 - Carcinogens List

•Potassium chloride	7447-40-7	Not Listed
•Glycerine	56-81-5	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	Not Listed

#### U.S. - California - Proposition 65 - Developmental Toxicity

•Potassium chloride	7447-40-7	Not Listed
•Glycerine	56-81-5	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	Not Listed

#### U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

•Potassium chloride	7447-40-7	Not Listed
•Glycerine	56-81-5	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	Not Listed

#### U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

•Potassium chloride	7447-40-7	Not Listed
•Glycerine	56-81-5	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Female

•Potassium chloride	7447-40-7	Not Listed
•Glycerine	56-81-5	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Male

•Potassium chloride	7447-40-7	Not Listed
•Glycerine	56-81-5	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	Not Listed

## United States - Pennsylvania

### Labor

#### U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

•Potassium chloride	7447-40-7	Not Listed
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•Glycerine	56-81-5	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•Phosphoric acid, trisodium salt, dodecahydrate	10101-89-0	

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## Section 16 - Other Information

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- Last Revision Date**      • 26/July/2007
- Preparation Date**        • 23/July/2013
- Disclaimer/Statement  
of Liability**            • The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IF MADE.
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