

Safety Data Sheet



Section 1: Identification

Product identifier

Product Name • **Red Cell® Recovery**

Product Code • SAP No.: 100518682; UPC No.: 086621607972

Product Description • Light tan gel/paste.

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

Recommended use • Muscle Support 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.

Details of the supplier of the safety data sheet

Manufacturer • Horse Health Products, A Division of Farnam Companies, Inc.
P.O. Box 34820
Phoenix, AZ 85067-4820
United States
www.horsehealthproducts.com

Emergency telephone number

Manufacturer • 1-800-234-2269

Manufacturer • 1-800-424-9300 - CHEMTREC

Section 2: Hazard Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • No data available; does not meet hazard criteria

Label elements

OSHA HCS 2012
• No label element(s) required

Hazard statements**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 should use caution when handling this product.

Response • Specific measures, see supplemental first aid information. - P322

Storage/Disposal • Store in a cool, dry place

Refer to Section 13 - Disposal Considerations

Other hazards**OSHA HCS 2012**

- No data available; does not meet hazard criteria.

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
Water	CAS:7732-18-5	33% TO 37%	OSHA HCS 2012: Not classified - criteria not met
Sodium chloride	CAS:7647-14-5	23% TO 25%	OSHA HCS 2012: Not classified - criteria not met
Sorbitol	CAS:50-70-4	21% TO 22%	OSHA HCS 2012: Not classified - criteria not met
Potassium chloride	CAS:7447-40-7	5% TO 7%	OSHA HCS 2012: Not classified - criteria not met
D-Glucose	CAS:50-99-7	3% TO 5%	OSHA HCS 2012: Not classified - criteria not met
L-leucine	CAS:328-39-2	2% TO 3%	OSHA HCS 2012: Not classified - criteria not met
L-valine	CAS:516-06-3	2% TO 3%	OSHA HCS 2012: Not classified - criteria not met
Potassium citrate monohydrate	CAS:6100-05-6	1% TO 2%	OSHA HCS 2012: Not classified - criteria not met
L-isoleucine	CAS:73-32-5	1% TO 2%	OSHA HCS 2012: Not classified - criteria not met
Magnesium chloride	CAS:7786-30-3	0% TO 2%	OSHA HCS 2012: Not classified - criteria not met
Molasses	NDA	0% TO 2%	OSHA HCS 2012: Not classified - criteria not met
Proprietary	Proprietary	0% TO 1%	OSHA HCS 2012: Not classified - criteria not met
Xanthan gum	CAS:11138-66-2	0% TO 1%	OSHA HCS 2012: Not classified - criteria not met
Hydroxylated lectithin	CAS:8029-76-3	0% TO 1%	OSHA HCS 2012: Not classified - criteria not met
Anise buds	NDA	0% TO 1%	OSHA HCS 2012: Not classified - criteria not met
Benzoic acid, p-hydroxy-, methyl ester	CAS:99-76-3	0% TO 1%	OSHA HCS 2012: Not classified - criteria not met
Benzoic acid, p-hydroxy-, propyl ester	CAS:94-13-3	0% TO 1%	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.
- 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** • No data available.

Section 5: Fire-Fighting Measures

Extinguishing media

- Suitable Extinguishing Media** • Water, CO2 or dry chemical.
- Unsuitable Extinguishing Media** • No data available.
- Firefighting Procedures** • No data available.

Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards** • No data available.
- Hazardous Combustion Products** • No data available.

Advice for firefighters

- No data available

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

- Personal Precautions** • No data available.
- Emergency Procedures** • No data available.

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.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure controls

Engineering Measures/Controls • No data available

Personal Protective Equipment

Respiratory • No data available.

Eye/Face • Wear safety glasses.

Hands • Wear appropriate gloves.

Skin/Body • No data available

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	gel/paste
Color	Light tan.	Odor	Gingerbread spice.
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	No data available
Specific Gravity/Relative Density	No data available	Water Solubility	No data available
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	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 (23% TO 25%)	7647-14-5	Irritation: eye-rbt 100 mg/24H MOD
Potassium chloride (5% TO 7%)	7447-40-7	Acute Toxicity: orl-rat LD50:2600 mg/kg; Irritation: eye-rbt 500 mg/24H MLD
Magnesium chloride (0% TO 2%)	7786-30-3	Acute Toxicity: orl-rat LD50:2800 mg/kg
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

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 •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 •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) • No data available

Eye

Acute (Immediate) • No data available

Chronic (Delayed) • No data available

Ingestion

Acute (Immediate) • No data available

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

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	NDA	NDA	NDA	NDA
IMO/IMDG	NDA	NDA	NDA	NDA	NDA
IATA/ICAO	NDA	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

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

- Not regulated

Component	Inventory	
	CAS	TSCA
Benzoic acid, p-hydroxy-, methyl ester	99-76-3	Yes
Benzoic acid, p-hydroxy-, propyl ester	94-13-3	Yes
D-Glucose	50-99-7	Yes
L-leucine	328-39-2	Yes
L-valine	516-06-3	Yes
Sorbitol	50-70-4	Yes
Hydroxylated lectithin	8029-76-3	Yes
L-isoleucine	73-32-5	Yes
Magnesium chloride	7786-30-3	Yes
Potassium citrate monohydrate	6100-05-6	No
Sodium chloride	7647-14-5	Yes
Water	7732-18-5	Yes
Xanthan gum	11138-66-2	Yes

United States - California

Environment

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

•Magnesium chloride	7786-30-3	Not Listed
•Sorbitol	50-70-4	Not Listed
•Benzoic acid, p-hydroxy-, methyl ester	99-76-3	Not Listed
•Benzoic acid, p-hydroxy-, propyl ester	94-13-3	Not Listed
•D-Glucose	50-99-7	Not Listed
•Xanthan gum	11138-66-2	Not Listed
•Sodium chloride	7647-14-5	Not Listed
•L-isoleucine	73-32-5	Not Listed
•Hydroxylated lectithin	8029-76-3	Not Listed
•L-leucine	328-39-2	Not Listed
•L-valine	516-06-3	Not Listed
•Potassium citrate monohydrate	6100-05-6	Not Listed
•Water	7732-18-5	Not Listed

Section 16 - Other Information

Last Revision Date • New

Preparation Date • 3/17/14

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