



SAFETY DATA SHEET (SDS)

SECTION 1: IDENTIFICATION

Product Name: **Fluid Action liquid**

Synonyms: None

Finish Line Horse Products Inc. Product #: 40

Product Type: Joint health product for horses.

Manufacturer: Finish Line Horse Products Inc

Address: PO Box 1000, Bensenville IL 60106

Telephone: 800-762-4242 Emergency: 630-694-0000

Website: www.finishlinehorse.com

Recommended use: For use in horses. Promotes healthy joint function.

SECTION 2: HAZARD IDENTIFICATION

Warning: May be irritating to eyes and mucous membranes. Keep out of reach of children.



SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT LIST: Glucosamine HCl, Ascorbic Acid, Methylsulfonylmethane, Yucca root, Ginkgo Biloba, Water, Honey, Glycerol, Citric acid, Aloe Vera gel, Riboflavin (Vitamin B2), Pyridoxine hydrochloride (Vitamin B6), Cyanocobalamin (Vitamin B12), Sugar, Sorbitol, Superoxide Dismutase, Apple Cider Vinegar, Magnesium Phosphate, Calcium Citrate, Apple Flavoring, Sodium Benzoate, Potassium Sorbate, Boswellia Serrata, Xanthan Gum, Sodium Saccharin, Octacosanol, FD&C Red 40 and 3.

Actual ingredient percentages are proprietary, trade secret.

<u>Active ingredients per fluid ounce</u>		<u>CAS#</u>
Glucosamine HCl	5000mg	66-84-2
Sodium Hyaluronate	25mg	9067-32-7
Ascorbic Acid	1000mg	50-81-7
MSM	60mg	67-71-1
Yucca	29mg	98-92-0
Turmeric	200mg	
Ginkgo biloba	18mg	

SECTION 4: FIRST AID MEASURES

EXPOSURE ROUTE	SYMPTOM	TREATMENT
Inhalation	Minimal respiratory impact	Bring to well ventilated area
Skin contact	Minimal skin irritation	Wash with warm water for 15 minutes. Seek medical attention if irritation persists.
Eye contact	Irritating to eyes	Rinse eyes with cool water for 15 minutes. Seek medical attention if irritation persists.
Ingestion	Small quantity not harmful.	Rinse mouth if minimal. Seek medical attention if any symptoms develop from significant ingestion.

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point:	Does not flash below 212 F.
Extinguishing Media:	Water.
Other required equipment:	Face mask, gloves, suitable protective clothing.
Special precautions:	None

SECTION 6: ACCIDENTAL RELEASE PROCEDURES

PERSONAL PRECAUTIONS: Keep unnecessary personnel away. Wear appropriate protective equipment (gloves, safety glasses) if in contact with spilled product. Avoid breathing dust – use dust mask.

CLEANUP PROCEDURES: Use absorbents or vacuum spillage and collect in plastic container for disposal. Clean surface thoroughly to remove residual contamination. Dispose of in accordance with local regulations.

ENVIRONMENTAL PRECAUTIONS: Non- toxic to aquatic life.

SECTION 7: HANDLING AND STORAGE

Store in a cool, dry place, optimum 60-80 degrees F.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS / THRESHOLDS: None.

ENGINEERING CONTROLS: None.

PERSONAL PROTECTIVE EQUIPMENT: Not needed for normal container handling. Keep containers closed. If spilled, use gloves, dust mask and safety glasses.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Medium golden-yellow thickened liquid, apple aroma.

pH: 20% soln=3.3

Boiling point/range: Does not boil below 212 Degrees F

Flash Point: Does not flash below 212 Deg.F

Explosive properties: Not applicable.

Oxidizing properties: Not oxidizing.

Specific gravity: 32.6g fl.oz.

Solubility (water, 20 Deg.C): Mostly soluble.

SECTION 10: STABILITY AND REACTIVITY

Stability:

Stable. Store in a cool, dry place, out of direct sunlight.

Conditions to avoid:

Avoid temperature extremes.

Materials to avoid:

None

Hazardous decomposition products:

None

SECTION 11: TOXICOLOGICAL INFORMATION

Numerical Measures of toxicity, individual components:

Ascorbic acid

LD50 Oral ~ Rat 11,900 mg/kg

Glucosamine HCl

ORAL (LD50): Acute: 15000 mg/kg [Mouse].

Sodium Hyaluronate

ORAL (LD50): Acute: >800 mg/kg [Rat]

MSM

Oral, rat: LD50 = >5 gm/kg

Acute and chronic effect: Mild eye, respiratory and skin irritation, allergic response.

Related symptoms: None.

Routes of exposure: Oral, inhalation, skin exposure.

SECTION 12: ECOLOGICAL INFORMATION

Aquatic or terrestrial toxicity tests: N/A

Potential for environmental persistence: N/A

Bioaccumulation potential: N/A

Adsorption or leaching studies: N/A

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate disposal container: Plastic containers/buckets, closed

Recommendation of appropriate disposal method: Use absorbents to transfer into plastic container.

Physical and chemical properties that may affect disposal method: Liquid.

Sewage disposal: Follow local regulations.

Precautions for landfill or incineration: N/A

SECTION 14: TRANSPORT INFORMATION

UN number (4-digit ID): N/A
UN proper shipping name: N/A
Transport hazard class: N/A
Packing group no (based on degree of hazard): N/A
Environmental hazard (IMDG code): N/A
Bulk transport guidance (MARPOL): N/A
NMFC shipping: animal feed, 0607070-00
Additional special precautions: N/A

SECTION 15: REGULATORY INFORMATION

Any additional regional or national regulations specific to this product, not mentioned previously: N/A

SECTION 16: OTHER INFORMATION

Revision number: V1.0, prepared on 3/21/2016 FLHP
Label facsimile:

PRODUCT FACTS
Active ingredients per fluid ounce:
Glucosamine HCl (shellfish source) 5000mg
Ascorbic Acid 1000mg
MSM 60mg
Yucca 29mg
Ginger, Biloba 16mg

INACTIVE INGREDIENTS
Aloe vera gel, apple cider vinegar, apple flavor, boswellia serrata, calcium citrate, citric acid, cyanocobalamin (Vitamin B12), FD&C red #40 and 3, glycerol, honey, magnesium phosphate, octacosanol, potassium sorbate, pyridoxine HCl (Vitamin B6), riboflavin (Vitamin B2), sodium ascorbate, sorbitol, sugar, superoxide dismutase, water, xanthan gum.

CAUTIONS:
Safe use in pregnant animals or animals intended for breeding has not been proven. Consult with your veterinarian before using this product in animals with clotting disorders, being treated with anticoagulant medications, diabetes, or any metabolic disorder causing hyperglycemia, history of urinary tract stones, known allergies to shellfish. Do not use prior to surgery. If lameness worsens, discontinue use and contact your veterinarian. Administer during or after the animal has eaten to reduce incidence of gastrointestinal upset.

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FAST ACTING
Fluid Action®
For Horses, Dogs and Cats
Glucosamine, 5000 mg/oz.

PRODUCT FACTS (cont'd)
For use in Horses, Dogs and Cats only.
Recom. needed to help support healthy joints in the horse, dog and cat.

DIRECTIONS FOR USE:
(1 fluid ounce = 31 grams)
• **1000 pound Horses:** For the first 10 days: Give 2 fluid ounces daily. After 10 days give one fluid ounce daily thereafter.
• **Dogs:** For each 25 pound of body weight, give 1 teaspoon for the first 10 days. Give 1/2 teaspoon daily thereafter.
• **Cats:** For adult size cats give 1/4 teaspoon daily.

SHAKE WELL BEFORE EACH USE.
Keep Container closed and in a cool place when not in use. Store below 90 degrees F.
Natural product may darken with age.

WARNINGS:
For animal use only.
Keep out of reach of children and other animals. In case of accidental overdose, contact a health professional immediately. This product should not be given to animals intended for human consumption.

Lot No. _____

100% Satisfaction Guaranteed! Questions? Comments? Call 800-762-4242 Mon-Fri 8 a.m. to 4:30 p.m. Central Time

Made in the USA by Finish Line® Horse Products, Inc. Bensenville, IL 60108 www.finishlinehorse.com Quality...A Family Tradition

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FINISH LINE®
Horse Products, Inc.
Quality...A Family Tradition Net Vol. 128 fl. oz. (3.78 Liters)