



## Research Associates, Inc.

P.O. Box 996 • Bensenville, IL 60106  
Toll Free: 888 • 330 • 8387 • Fax: 630 • 766 • 6000

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### SAFETY DATA SHEET (SDS)

#### SECTION 1: IDENTIFICATION

Product Name: **Gastrix**

Synonyms: None

Research Associates Inc Product #: 46

Product Type: Oral botanical/vitamin/mineral formula for digestive health.

Manufacturer: Research Associates Inc

Address: PO Box 1000, Bensenville IL 60106

Telephone: 888-330-8387 Emergency: 888-330-8387

Website: [www.researchassoc.net](http://www.researchassoc.net)

Recommended use: For use in horses only. Promotes healthy digestive function in stomach and hindgut.

#### 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:

Aloe vera, Apple cider vinegar, Apple pectin, Ascorbic acid, Brewers yeast, Cabbage powder, Carrot powder, Cinnamon powder, Grapeseed extract, Honey, Licorice root powder, Methylsulfonylmethane, Natural and artificial flavors and colors, Slippery elm, Sodium benzoate, Sodium chloride, Water, Xanthan gum, Zinc gluconate, Dong Quai root, Red ginseng, Guar gum, Gum Arabic, Papaya, Purified water.

<u>INGREDIENT</u>	<u>CONCENTRATION</u>	<u>CAS</u>
Water, purified	90%	
Honey	2.0%	8028-66-8
Apple cider vinegar	7.6%	8028-52-2
Ascorbic acid	1.4%	50-81-7
Methylsulfonylmethane	0.47%	67-71-0
Apple pectin	0.1%	9000-69-5
Brewers yeast	0.05%	68876-77-7
Grape seed extract	0.03%	85594-37-2
Zinc gluconate	0.02%	4468-02-4

#### **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.

CLEANUP PROCEDURES: Use absorbent materials, or wet-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: Small spill cleanup is not 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 and safety glasses.

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance/Odor: Green, turbid, viscous liquid. Vegetable and apple aroma.

pH: 3.9 +/- 0.3, 20% solution, electrode method.

Boiling point/range: Boiling begins at 212 Degrees F

Flash Point: Does not flash below 212 Deg.F

Explosive properties: Not applicable.

Oxidizing properties: Not oxidizing.

Specific gravity: 31.1 +/- 0.3 g/fluid ounce

Solubility (water, 20 Deg.C): Miscible with water.

### **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:

Apple cider vinegar	Oral, rat: LD50 = 3310 mg/kg (for cas# 64-19-7)
Ascorbic acid	Oral LD50 (rat): 11,900 mg/kg
Methylsulfonylmethane	Oral, rat: LD50 = >5 gm/kg
Apple pectin	Subcutaneous-mouse LD50 6400 mg/kg
Brewers yeast	No LD50 data available for the product
Grape seed extract	LD50>4000 mg/kg in rats and mice
Zinc gluconate	Oral (LD50): Acute: 1290 mg/kg [Mouse]

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

Related symptoms: None.

Routes of exposure: Oral, inhalation, skin exposure.

**SECTION 16: OTHER INFORMATION**

Revision number: V1.0, prepared on 1/29/2016 FLHP

Label facsimile:

**PRODUCT FACTS**  
**Purpose:** Recommended to support healthy digestive function in horses.

**Directions:** Give 2 ounces with an oral syringe twice a day, (morning and evening), for 30 days.  
Thereafter, 1 ounce, twice a day (morning and evening).

**Active Ingredients per fluid ounce:**

Ascorbic acid .....	440mg
MSM .....	280mg
Apple pectin .....	56mg
Brewers yeast .....	28mg
Grape seed extract .....	18mg
Zinc gluconate .....	5mg

**Inactive Ingredients:** Aloe vera concentrate, apple cider vinegar, cabbage powder, dong quai root powder, red ginseng, guar gum, gum Arabic, honey, licorice root powder, lemon juice, natural and artificial flavors and colors, papaya leaf, slippery elm, sodium benzoate, sodium chloride, water, xanthan gum.

**WARNINGS:**

- For equine use only.
- Store at room temperature.
- Keep out of reach of children.
- Not for use in horses intended for food.
- Do not exceed feeding instructions.
- Keep container tightly closed, when not in use.

**Research Associates, Inc.™**

**Extra Strength**

**GASTRIX™**


**VET FORMULA**

**Net Volume 64 oz. (1.9 Liters)**


Promotes healthy digestion in the stomach and hindgut

**Available through veterinarians only.**

Manufactured in the USA for:  
**Research Associates, Inc.™**  
PO Box 1000  
Bensenville, IL 60106



100% Satisfaction Guaranteed  
Questions? Comments?  
Call 888/330-8387 Mon.-Fri.



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