

SAFETY DATA SHEETS

This SDS packet was issued with item:

078462779

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

078462761



Research Associates, Inc.

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

MATERIAL SAFETY DATA SHEET (MSDS)

PRODUCT NAME: Gastrix

DATE UPDATED: 10/3/07

PREP'D BY: Nick Cinquino

SECTION 1: PRODUCT IDENTIFICATION

Product Name: Gastrix
Synonyms: None
Research Associates Product #: 46
Product Type: Herbal supplement

SECTION 2: INGREDIENTS

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

NOTE: Ingredients are listed in alphabetical order.

NOTE: Actual ingredient percentages are proprietary.

SECTION 3: PHYSICAL DATA

Appearance: Green, turbid, viscous liquid
Solubility: Miscible with water.
Odor: Vegetable juice aroma
Boiling Point/Melting Point: Boiling begins at 212 deg. F.

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flash Point: Does not flash below 212 F
Extinguishing Media: Water.
Other required equipment: Face mask.
Other Notes:

SECTION 5: TECHNICAL ASSISTANCE AND EMERGENCY INFORMATION

Contact: Nick Cinquino PHONE# 888-330-8387 8:00AM-4:30PM Central Time

SECTION 6: HEALTH HAZARD DATA

EYES: Vapor may be irritating to eyes. Use goggles if exposed to splashing from this product.
SKIN: May be irritating to skin. Use gloves and protective clothing if skin is exposed to Gastrix.
RESPIRATORY: Avoid breathing strong vapors. Use a vapor mask if exposed to vapors for long periods of time.

SECTION 7: CHEMICAL REACTIVITY DATA

STABILITY: Stable. Store in a cool, dry place, out of direct sunlight.
Obtained by Global Safety Management, Inc. (www.globalsafetynet.com)



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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

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.

Actual ingredient percentages are proprietary, trade secret.

<u>ACTIVE INGREDIENT/Fl.Oz.</u>	<u>CONC, per Fl.Oz</u>	<u>CAS#</u>
Ascorbic acid	440mg	50-81-7
MSM	280mg	67-71-0
Apple pectin	56mg	9000-69-5
Brewers yeast	28mg	68876-77-7
Grape seed extract	18mg	84929-27-1
Zinc gluconate	5mg	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]

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: Per local guideline/regulation.

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

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
Brewer's 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.

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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 1088
Bensenville, IL 60166

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

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