



Happy Horse Thrush Treatment

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Happy Horse Thrush Treatment
Product Code(s): HHTHRUSH-12
Other means of Identification:
Recommended Use: Medicinal Tincture / Livestock Care / Topical Treatment

Manufacturer/Marketer: P.F. Harris Manufacturing Company, LLC P.O. Box 1922 Cartersville, GA 30120 Email: info@pfharris.com www.pfharris.com	Customer Service: 1-800-637-0317 Monday-Friday, 9am – 5pm EST Emergency: National Poison Control: 1-800-222-1222 24 hour Emergency Telephone: 1-800-255-3924
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SECTION 2. HAZARDS IDENTIFICATION

OSHA Regulatory Status:
This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

HAZARDS CLASSIFICATION:
Acute toxicity – Cat 3
Skin Corrosion/Irritation – Cat 2
Serious Eye damage/Eye Irritation – Category 2A
Skin Sensitization – Cat 1
Flammable Liquids – Category 3

SIGNAL WORD: **WARNING**
GHS HAZARD PICTOGRAMS:



Hazard Statements: Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if swallowed. May cause cancer. Very toxic to aquatic life, may cause long term adverse effects in the aquatic environment.

Precautionary Statements: Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Take precautionary measure against static discharge. Wear protective gloves/eye protection/face protection. Do not get in eyes, on skin, or on clothing. Wash exposed skin after handling. Avoid release to the environment. Store in a well ventilated place. Do not breathe vapors or mists.

Acute/Potential Health Effects:
EYES: Causes serious eye irritation.
SKIN: Causes skin irritation. May cause an allergic skin reaction Prolonged or repeated skin contact may cause drying, cracking, or irritation.
INHALATION: Overexposure by inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes. May cause dizziness or drowsiness.
INGESTION: Swallowing a small quantity of this material will result in serious health hazard.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	WT %*
Isopropanol	67-63-0	45-55
Formaldehyde	50-00-0	<1*
Methanol	67-56-1	<1*
Sodium Phosphate Dibasic	7558-79-4	0.1
Gentian Violet	548-62-9	1-5
PVP Iodine	25655-41-8	1-5
Water	7732-18-5	10-20

*The exact percentage (concentration) of composition has been withheld as proprietary/trade secret. These components contain no substances or impurities which influence the classification of this product.

SECTION 4. FIRST AID MEASURES

EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Get medical attention if irritation persists.

SKIN: This product is formulated for use on animals. If irritation develops, rinse skin with plenty of water and wash clothing before reuse. Get medical attention if irritation persists.

INHALATION: Remove affected person to fresh air.

INGESTION: Immediately rinse mouth and drink plenty of water. Do not induce vomiting unless told to do so by a poison control center or a doctor. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use any means suitable for extinguishing surrounding fire.

SPECIFIC HAZARDS: FLAMMABLE LIQUID AND VAPOR. Closed containers may explode due to buildup of pressure when exposed to extreme heat. Formation of toxic gases is possible during heating or fire. May include oxides of carbon, nitrogen, formaldehyde gas and products of iodine.

SPECIAL PROTECTIVE EQUIPMENT: Safety glasses, gloves, SCBA

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain and recover material when possible. Use appropriate personal protective equipment. Keep away from heat, sparks, flame and other sources of ignition. Place into a suitable container for reclamation or disposal. Keep out of waterways. Dispose of in accordance with applicable local regulations. Ventilate area after cleanup.

SECTION 7. HANDLING AND STORAGE

HANDLING: Use this product only in a manner consistent with its labeling. **For external/topical equine use only.**

NOTE: Do not use on horses intended for food. Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Avoid breathing vapors or mists. Do not contaminate water, food or feedstuffs by storage, handling, or disposal. Keep away from heat, sparks, flame and other sources of ignition. Take precautionary measures against static discharges. Use spark-proof tools and explosion proof equipment. Use with local exhaust ventilation.

STORAGE: Store at room temperature (59-86°F). Store only in original container, in a dry place inaccessible to children and pets. Store away from food/feed and pet-food. Emptied containers may retain product residues.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES	EXPOSURE LIMITS					
	OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name	ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
Isopropyl Alcohol, 2-Propanol	400		400	980		
Formaldehyde	3		TWA 0.1			
Methanol	200		TWA: 200			

ENGINEERING CONTROLS: No special controls indicated.

Eye Protection: Recommended: Safety glasses

Skin Protection: Recommended: Gloves

Respiratory Protection: No special requirements. Use with adequate ventilation.

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Appearance and Odor: dark purple/blue with slight alcohol/formaldehyde odor

pH: N/A

Boiling Point:

-177°F (-116.1°C)

Flash Point:

75°F (24°C)

Vapor Density (air=1)

(20°C) : >1.0

Specific Gravity (Water=1): 0.96

Evaporation Rate: >1.0

Solubility: Miscible in water

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability: Stable.

Conditions to Avoid: Keep away from heat, sparks, flame and other sources of ignition

Hazardous Decomposition Products: Carbon oxides, various hydrocarbons

Incompatible Materials: Oxidizing agents, acids, alkalis, hydrogen chloride

SECTION 11. TOXICOLOGICAL INFORMATION**Toxicological Data:**

Isopropyl Alcohol, 2-Propanol	67-63-0	Oral LD50 (rat): >2,000 mg/kg Dermal LD50 (rabbit): >2,000mg/kg Inhalation: LC50 (rat) : >20,000 mg/l, 8 hr.
Gentian Violet	548-62-9	ATE US (oral): 500mk/kg body wt.
PVP Iodine	25655-41-8	LD50 (oral): >8000mg/kg (rat)
Formaldehyde	50-00-0	LD50 (oral): 500mg/kg (rat) LD50 (dermal): 270 mg/kg (rabbit) LC50 (inhalation): 0.578 mg/L (rat) 4 hr.
Methanol	67-56-1	Calc. ATE 60 mg/kg LD50 (oral): >1187 -2769 mg/kg (rat) Calc. ATE 60 mg/kg LD50 (dermal):17100 mg/kg (rabbit)

Eye Irritation/Damage: Eye irritant

Skin Irritation: Irritating to skin. Prolonged or repeated skin contact may cause drying, cracking, or irritation.

Sensitization: May cause sensitization in susceptible persons. May cause skin sensitization by skin contact.

Inhalation: Overexposure by inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes. May cause dizziness or drowsiness.

Ingestion: Harmful if swallowed.

Carcinogenicity: This product contains a chemical (formaldehyde) that may cause cancer. IARC Group 1.

SECTION 12. ECOLOGICAL INFORMATION

Do not apply directly to waterways. Do not contaminate water when disposing of wash water or rinsate.

Ecotoxicity:

Isopropyl Alcohol, 2-Propanol	67-63-0	LC50: >6,000 mg/l (Pimephales promelas, 96 hr.)
Gentian Violet	548-62-9	EC50: Daphnia 1: 0.24-5 mg/l 48 hr.

Environmental Fate Data; Persistence/Degradation: No further relevant information available

Soil Mobility: No further relevant information available

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. Waste must be disposed of in accordance with federal, state and local environmental control regulations.

RCRA Waste code(s): US. EPA Resource Conservation and Recovery Act: (RCRA) D List of Characteristic Hazardous Wastes (40 CFR 261.21-24): D001 and U122, U154

SECTION 14. TRANSPORT INFORMATION

	DOT Classification	TDG Classification	IMDG	IATA
UN Number	UN1993	UN1993	Not classified	Not classified
UN Proper Shipping Name	Flammable Liquids, n.o.s. (Isopropanol)	Flammable Liquids, n.o.s. (Isopropanol)	-	-
Transport Hazard Class	3	3	-	-
Packing Group	II	II	-	-
Environmental Hazards	Toxic to fish and other invertebrates	Toxic to fish and other invertebrates	-	-
Additional Information	*Shipped as ORM-D, LIMITED QUANTITY in non-bulk	*Shipped as ORM-D, LIMITED QUANTITY in non-bulk	-	-

SECTION 15. REGULATORY INFORMATION**US Federal Regulations:**

TSCA (TOXIC SUBSTANCE CONTROL ACT): The ingredients of this product are listed or exempted from listing because of Low Volume Exemption has been granted in accordance with 40 CFR 723.50

SARA 302/304 EMERGENCY PLANNING EMERGENCY PLAN: There are no SARA Title III Section 302 extremely hazardous substances present in this formulation (40 CFR 355).

SARA 311/312: Acute Health: [x] Chronic: [x] Fire: [x] Sudden Release of Pressure: [] Reactive: []

SARA 313 (Specific Toxic chemical listings): Does not exceed TLVs

Component	Weight %	SARA 313 Threshold Vales %
Formaldehyde	0.6	0.1
Methanol	0.225	1.0

CERCLA RQ:

Component	RQ
Formaldehyde	100 lb.
Methanol	5000 lb.
Sodium Phosphate Dibasic	5000 lb.

State and Local Regulations: Certain states maintain their own ingredient lists which differ slightly from the Federal standards. Check with your state for additional regulations.

CA Proposition 65 (Safe Drinking Water & Toxic Enforcement Act of 1986):

This product does contain a Proposition 65 chemical(s):

Gentian Violet	CAS No. 548-62-9
Formaldehyde (trace)	CAS No. 50-00-0

SECTION 16. OTHER INFORMATION

Date of issue/revision: 04/22/2019

Version: 1.0

Date of previous issue: none

Notice to reader: This SDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handles or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractor and customers who will use this product receive adequate warnings and safe handling procedures, including a current SDS. Product users or handlers (or their employer) who are unsure what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this SDS or other safety and health information about this product is inaccurate or incomplete.