

Safety Data Sheet



Section 1: Identification

Product identifier

- Product Name** • **Thrush Relief**
- Synonyms** • 100520087; UPC #: 086621027374
- Product Description** • Dark green viscous liquid.

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

- Recommended use** • For the treatment of thrush in horses and ponies.
- Restrictions on use** • Avoid contact with eyes, skin and clothing. Do not use or store near heat or open flame. Keep out of the reach of children. For animal use only. For external use only.

Details of the supplier of the safety data sheet

- Manufacturer** • Farnam Companies, Inc.
P.O. Box 34820
Phoenix, AZ 85067-4820
United States

www.farnamhorse.com

Emergency telephone number

- Manufacturer** • 1-800-234-2269
- Manufacturer (Transportation)** 1-800-424-9300 - CHEMTREC
- Manufacturer (Transportation)** 1-703-527-3887 - CHEMTREC - Outside the US collect calls accepted

Section 2: Hazard Identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

- OSHA HCS 2012** • Aspiration 1 - H304
Flammable Liquids 3 - H226
Skin Irritation 2 - H315
Skin Sensitization 1 - H317
Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation - H335

Label elements

OSHA HCS 2012

DANGER



Hazard statements

Flammable liquid and vapour - H226
 Causes skin irritation - H315
 May be fatal if swallowed and enters airways - H304
 May cause an allergic skin reaction - H317
 May cause drowsiness or dizziness - H336
 May cause respiratory irritation - H335

Precautionary statements

Prevention

Contaminated work clothing should not be allowed out of the workplace. - P272
 Wash thoroughly after handling. - P264
 Wear protective gloves . - P280
 Avoid breathing vapors, dust, mist or spray.
 Use only outdoors or in a well-ventilated area. - P271
 Ground and/or bond container and receiving equipment. - P240
 Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. - P210
 Keep container tightly closed. - P233
 Take precautionary measures against static discharge. - P243
 Use explosion-proof - electrical, ventilating and/or lighting equipment. - P241
 Use only non-sparking tools. - P242
 Wear protective gloves/protective clothing/eye protection/face protection. - P280

Response

IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a poison control center or doctor if you feel unwell.
 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. - P303+P361+P353
 If skin irritation or rash occurs: Get medical advice/attention. - P333+P313
 Specific treatment, see supplemental first aid information. - P321
 Do NOT induce vomiting. - P331
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. - P301+P310
 Wash contaminated clothing before reuse. - P363
 In case of fire: Use appropriate media for extinction. - P370+P378

Storage/Disposal

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501
 Store locked up. - P405
 Store in a well-ventilated place. Keep cool. Keep container tightly closed. - P403+P233

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition		
Chemical Name	Identifiers	%

Naphthenic acid, copper salt	CAS:1338-02-9	37.5%
Naphthenic acid [7% TO 14%]	CAS:1338-24-5	2.625% TO 5.25%
Naphthol Spirits	CAS:8052-41-3	62.5%

Section 4: First-Aid Measures

Description of first aid measures

Inhalation

- IF INHALED: If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin

- IF ON SKIN: Wash skin with soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion

- IF SWALLOWED: Immediately call a poison control center or doctor. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

- Aspiration hazard; skin irritant; may cause drowsiness or dizziness; may cause respiratory irritation; may cause an allergic skin reaction in individuals with a sensitivity to Naphthenic Acid. Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician

- Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media Water fog, foam, dry chemicals or carbon dioxide.

Unsuitable Extinguishing Media • Avoid heavy hose streams.

Firefighting Procedures • Do not allow fire fighting water to escape into waterways or sewers. Do not use direct stream of water. A direct stream of water may spread fire. Eliminate ignition sources. Ventilate closed spaces before entering. Do not breathe gas/fumes/vapor/spray. Liquid will float and may re-ignite on surface water.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Vapors may travel to source of ignition and flash back. Flammable liquid. Liquid will float and may re-ignite on surface of water.

Hazardous Combustion Products • Carbon monoxide and carbon dioxide.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Avoid contact with skin, eyes, and clothing. Ventilate the area before entry. Wear appropriate personal protective equipment, avoid direct contact.

Emergency Procedures

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharge. Avoid release into the environment. Turn off electric power to area. Ventilate closed spaces before entering.

Environmental precautions

- Do not allow runoff into water, storm drains or drainage ditches.

Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Absorb spills with an inert material, clay granules or other inert absorbent material and put in container for disposal.
All equipment used when handling the product must be grounded.
Use clean non-sparking tools to collect absorbed material.

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use good safety and industrial hygiene practices. Avoid contact with skin or eyes. Keep away from heat and ignition sources – No Smoking. Use only with adequate ventilation. Wear appropriate personal protective equipment, avoid direct contact.

Conditions for safe storage, including any incompatibilities

Storage

- Keep out of reach of children. Keep away from fire, sparks and heated surfaces. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Store at controlled room temperature 15° to 30° C (59° to 86° F). Keep container tightly closed when not in use.

Incompatible Materials or Ignition Sources

- Oxidizing agents. Strong acids. Heat, sparks, open flame.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines • No data available.

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Naphthol Spirits (8052-41-3)	TWAs	100 ppm TWA	350 mg/m ³ TWA	500 ppm TWA; 2900 mg/m ³ TWA
	Ceilings	Not established	1800 mg/m ³ Ceiling (15 min)	Not established

Exposure controls

Engineering Measures/Controls

- Use adequate ventilation to remove vapors (fumes, dust etc)

Personal Protective Equipment

Pictograms

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Respiratory

- In case of insufficient ventilation, wear suitable respiratory equipment.

Eye/Face

- Wear safety goggles.

Hands

- Wear appropriate gloves.

Skin/Body

- If prolonged exposure is anticipated, it is recommended for handlers to wear appropriate clothing to prevent skin contact.

Environmental Exposure Controls

- Refer to Section 13 - Disposal Considerations.

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Dark green viscous liquid.
Color	Dark green.	Odor	No data available
Odor Threshold	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	0.87 Water=1 @ 25 C(77 F)	Water Solubility	Not miscible
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	Heavier than air
Evaporation Rate	No data available		
Flammability			
Flash Point	111 F(43.8889 C) PMCC (Pensky-Martins Closed Cup)	UEL	8.9 % for mineral spirits
LEL	0.7 % for mineral spirits	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 under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Heat, sparks, open flame, other ignition sources, and oxidizing conditions.

Incompatible materials

- Store away from oxidizers and strong acids.

Hazardous decomposition products

- Carbon monoxide and carbon dioxide.

Section 11 - Toxicological Information

Information on toxicological effects

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 • Aspiration 1
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Not classified - data lacking.
Skin corrosion/Irritation	OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	OSHA HCS 2012 • Skin Sensitizer 1
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects; Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
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)**
- May cause respiratory irritation. Intentional misuse by deliberately concentrating and inhaling this material may be harmful or fatal.

- Chronic (Delayed)**
- No data available

Skin

- Acute (Immediate)**
- May cause skin irritation. May cause an allergic reaction in individuals with a sensitivity to Naphthenic Acid.

- Chronic (Delayed)**
- Prolonged or repeated exposure may dry the skin, may cause skin defatting. Symptoms may include redness, burning, drying and cracking, and skin damage.

Eye

- Acute (Immediate)** • May cause eye irritation.
- Chronic (Delayed)** • No data available

Ingestion

- Acute (Immediate)** • Aspiration hazard - small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema.
- 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. Never place unused product down any indoor or outdoor drain.
- 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	None	Consumer commodity	ORM-D	N/A	N/A
	UN1993	Flammable liquids, n.o.s. (Naphthenic acid)	9	III	N/A
IMO/IMDG	UN1993	Flammable liquids, n.o.s. (Naphthenic acid)	9	III	N/A
IATA/ICAO	UN1993	Flammable liquids, n.o.s. (Naphthenic acid)	9	III	N/A

Special precautions for user • None specified.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Other information

IMO/IMDG Limited quantity 1L, excepted quantity 30mL
IATA/ICA Limited quantity 0.5L, excepted quantity 30mL

Key to abbreviations

N/A = Not applicable.

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Not regulated

Inventory		
Component	CAS	TSCA
Naphthenic acid	1338-24-5	Yes
Naphthenic acid, copper salt	1338-02-9	Yes
Naphthol Spirits	8052-41-3	Yes

United States

Environment

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Naphthenic acid, copper salt	1338-02-9	Not Listed
• Naphthol Spirits	8052-41-3	Not Listed
• Naphthenic acid	1338-24-5	100 lb final RQ; 45.4 kg final RQ

Section 16 - Other Information

Last Revision Date • 24/November/2014

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Disclaimer/Statement of Liability •

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information or products referred to herein. **NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.**