

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
 Product name : Copper Naphthenate (PRITOX)

#### 1.2. Recommended use and restrictions on use

Use of the substance/mixture : Thrush Treatment

#### 1.3. Supplier

First Priority, Inc.  
 1590 Todd Farm Drive  
 Elgin, IL 60123-1287  
 Telephone: 800-650-4899  
 www.prioritycare.com

#### 1.4. Emergency telephone number

Emergency number : 800-424-9300 (Chemtrec U.S. - 24 Hrs)

### SECTION 2: Hazard(s) identification



#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Flammable liquids, Category 3	H226	Flammable liquid and vapor.
Specific target organ toxicity – Repeated exposure, Category 1	H372	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard, Category 1	H304	May be fatal if swallowed and enters airways.
Full text of H-statements: see section 16		

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labelling

Hazard pictograms (GHS-US) :  

Signal word (GHS US) : Danger

Hazard statements (GHS US) : H226 - Flammable liquid and vapor.  
 H304 - May be fatal if swallowed and enters airways.  
 H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS-US) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
 P233 - Keep container tightly closed.  
 P240 - Ground/Bond container and receiving equipment.  
 P241 - Use explosion-proof electrical/ventilating/lighting equipment.  
 P242 - Use only non-sparking tools.  
 P243 - Take precautionary measures against static discharge.  
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264 - Wash hands, forearms and face thoroughly after handling.  
 P270 - Do not eat, drink or smoke when using this product.

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P280 - Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P310 - If swallowed: Immediately call a poison center or doctor.  
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P314 - Get medical advice/attention if you feel unwell.  
P331 - Do NOT induce vomiting.  
P370+P378 - In case of fire: Use media other than water to extinguish.  
P403+P235 - Store in a well-ventilated place. Keep cool.  
P405 - Store locked up.  
P501 - Dispose of contents/container in accordance with local, state, and federal regulations.

### 2.3. Other hazards which do not result in classification

No additional information available

### 2.4. Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

Name	Product identifier	%	GHS-US classification
Stoddard solvent (contains < 0.01% benzene)	CAS-No.: 8052-41-3	> 50*	Flam. Liq. 3, H226 STOT RE 1, H372 Asp. Tox. 1, H304
Petroleum distillates, hydrotreated light	CAS-No.: 64742-47-8	5 – 10*	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Copper Naphthenate	CAS-No.: 1338-02-9	2 – 5*	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302
Naphthenic acid	CAS-No.: 1338-24-5	1 – 5*	Eye Irrit. 2, H319 STOT SE 3, H335

\*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

Full text of hazard classes and H-statements : see section 16

## SECTION 4: First-aid measures

### 4.1. Description of first aid measures

First-aid measures general : Call a physician immediately.  
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Rinse skin with water/shower. Take off immediately all contaminated clothing.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Do NOT induce vomiting. Call a physician immediately.

### 4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after ingestion : Risk of lung oedema.

### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

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### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

#### 5.2. Specific hazards arising from the chemical

Fire hazard : Flammable liquid and vapor. Vapors may travel to source of ignition and flash back.  
Hazardous decomposition products in case of fire : Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

##### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area. NO open flames, NO sparks, and NO smoking. Do not breathe gas/mist/vapors/spray.

##### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8 Exposure controls/personal protection.

#### 6.2. Environmental precautions

Avoid release to the environment.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Clean up liquid spill with absorbent material. Notify authorities if product enters sewers or public waters.  
Other information : Dispose of materials or solid residues at an authorized site.

#### 6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapors may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Do not breathe gas/mist/vapors/spray.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

#### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Ground/bond container and receiving equipment.  
Storage conditions : Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

Copper Naphthenate (1338-02-9)	
No additional information available	
Petroleum distillates, hydrotreated light (64742-47-8)	
No additional information available	
Naphthenic acid (1338-24-5)	
No additional information available	
Stoddard solvent (8052-41-3)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	100 ppm
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [1]	2900 mg/m <sup>3</sup>
OSHA PEL TWA [2]	500 ppm
USA - IDLH - Occupational Exposure Limits	
IDLH	20000 mg/m <sup>3</sup>
USA - NIOSH - Occupational Exposure Limits	
NIOSH REL TWA	350 mg/m <sup>3</sup>
NIOSH REL C	1800 mg/m <sup>3</sup>

#### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.  
Environmental exposure controls : Avoid release to the environment.

#### 8.3. Individual protection measures/Personal protective equipment

<b>Hand protection:</b>
Protective gloves
<b>Eye protection:</b>
Safety glasses
<b>Skin and body protection:</b>
Wear suitable protective clothing
<b>Respiratory protection:</b>
If concentrations exceed exposure limits, use a NIOSH approved respirator.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state : Liquid

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Color	: Green
Odor	: Paint thinner-type odor
Odor threshold	: No data available
pH	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 111 °F
Relative evaporation rate (butylacetate=1)	: Slower than ether
Flammability (solid, gas)	: Flammable.
Vapor pressure	: No data available
Relative vapor density at 20 °C	: Heavier than air
Relative density	: No data available
Density	: 7.3 lb/gal
Solubility	: Not miscible.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available

### 9.2. Other information

VOC content : 826.8 – 862.8 g/l

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Flammable liquid and vapor.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Avoid contact with hot surfaces. Heat. No flames, No sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Strong reducing agents

### 10.6. Hazardous decomposition products

Decomposition products include carbon dioxide, carbon monoxide, and various hydrocarbons.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified

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Acute toxicity (inhalation) : Not classified

### Copper Naphthenate (1338-02-9)

ATE US (oral)	500 mg/kg bodyweight
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### Petroleum distillates, hydrotreated light (64742-47-8)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	> 5.2 mg/l/4h

### Naphthenic acid (1338-24-5)

LD50 oral rat	3000 mg/kg
LD50 dermal rabbit	> 20000 mg/kg
ATE US (oral)	3000 mg/kg bodyweight

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

### Naphthenic acid (1338-24-5)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure.

### Stoddard solvent (8052-41-3)

STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
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Aspiration hazard : May be fatal if swallowed and enters airways.

Viscosity, kinematic : No data available

### Petroleum distillates, hydrotreated light (64742-47-8)

Viscosity, kinematic	1.17 mm <sup>2</sup> /s
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Symptoms/effects after ingestion : Risk of lung oedema.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Petroleum distillates, hydrotreated light (64742-47-8)

LC50 - Fish [1]	45 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	2.2 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

#### Naphthenic acid (1338-24-5)

LC50 - Fish [1]	5.6 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
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### 12.2. Persistence and degradability

#### Petroleum distillates, hydrotreated light (64742-47-8)

Persistence and degradability	Not established.
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Stoddard solvent (8052-41-3)	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

Petroleum distillates, hydrotreated light (64742-47-8)	
BCF - Fish [1]	61 – 159
Bioaccumulative potential	Not established.

Stoddard solvent (8052-41-3)	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with local, state, and federal regulations.  
Additional information : Flammable vapors may accumulate in the container.

## SECTION 14: Transport information

### 14.1. UN number

No additional information available

### 14.2. UN proper shipping name

Proper Shipping Name (DOT) : No additional information available  
Proper Shipping Name (TDG) : No additional information available  
Proper Shipping Name (IMDG) : No additional information available  
Proper Shipping Name (IATA) : No additional information available

### 14.3. Transport hazard class(es)

**DOT**  
Transport hazard class(es) (DOT) : No additional information available

**TDG**  
Transport hazard class(es) (TDG) : No additional information available

**IMDG**  
Transport hazard class(es) (IMDG) : No additional information available

**IATA**  
Transport hazard class(es) (IATA) : No additional information available

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### 14.4. Packing group

Packing group (DOT) : No additional information available  
Packing group (TDG) : No additional information available  
Packing group (IMDG) : No additional information available  
Packing group (IATA) : No additional information available

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Special precautions for user

#### DOT

No additional information available

#### TDG

No additional information available

#### IMDG

No additional information available

#### IATA

No additional information available

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. US Federal regulations

#### Copper Naphthenate (PRITOX)

SARA Section 311/312 Hazard Classes	Flammable (gases, aerosols, liquids, or solids) Aspiration hazard Specific target organ toxicity (single or repeated exposure)
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Commercial status of components according to the United States Environmental Protection Agency's Toxic Substances Control Act (TSCA):

Name	CAS-No.	Listing	Commercial status	Flags
Copper Naphthenate	1338-02-9	Not present	-	
Petroleum distillates, hydrotreated light	64742-47-8	Present	Active	
Naphthenic acid	1338-24-5	Present	Active	
Stoddard solvent	8052-41-3	Present	Active	

#### Naphthenic acid (1338-24-5)

CERCLA RQ	100 lb
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#### Stoddard solvent (8052-41-3)

SARA Section 311/312 Hazard Classes	Fire hazard Delayed (chronic) health hazard Immediate (acute) health hazard
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### 15.2. International regulations

#### CANADA

##### Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

##### Naphthenic acid (1338-24-5)

Listed on the Canadian DSL (Domestic Substances List) inventory.

##### Stoddard solvent (8052-41-3)

Listed on the Canadian DSL (Domestic Substances List) inventory.

#### EU-Regulations

##### Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

##### Naphthenic acid (1338-24-5)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

##### Stoddard solvent (8052-41-3)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) substances.

#### National regulations

##### Petroleum distillates, hydrotreated light (64742-47-8)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

##### Naphthenic acid (1338-24-5)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on Industrial Safety and Health Law Substances (ISHL)  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)  
Listed on INSQ (Mexican national Inventory of Chemical Substances)  
Taiwan Chemical Substance Inventory

##### Stoddard solvent (8052-41-3)

Listed on the AICS (the Australian Inventory of Chemical Substances)  
Listed on Inventory of Existing Chemical Substances (IECSC)  
Listed on the Japanese ENCS (Existing & New Chemicals Substances) inventory.  
Listed on the Korean ECL (Existing Chemical List) inventory.  
Listed on New Zealand - Inventory of Chemicals (NZIoC)  
Listed on Inventory of Chemicals and Chemical Substances (PICCS)

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### 15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

### SECTION 16: Other information

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Full text of H-statements	
H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product