

## PENASHIELD® READY-TO-USE WOOD PRESERVATIVE

# KILLS & HELPS PREVENT WOODS

PenaShield is a ready-to-use formula that can be sprayed or brushed on bare interior and exterior wood. It's unique patented preservative penetrates the wood, delivering long-lasting protection from listed wood destroying organisms (WDOs) including subterranean and drywood termites, wood boring beetles, carpenter ants and decay fungi. PenaShield also meets the American Wood Protection Association Standard M4 for end cuts for interior use.

The active ingredient in PenaShield is a borate mineral salt, which does not break down over time like synthetic chemicals. PenaShield will not stain or discolor wood; and once dry, can be painted or treated with a water sealer, stained or varnished. One gallon of PenaShield will treat approximately 150-250 square feet of wood, depending on the wood's porosity and surface texture.

Whenever you're working with wood, whether it's projects or repairs, always use PenaShield to protect the wood.



Remember, always read, understand and comply with the label. PenaShield and Nisus Corporation are registered trademarks of Nisus Corporation. ©2019 Nisus Corporation #PS-SS-02198

### APPLICATION:

Apply with brush or low pressure garden-type sprayer directly to bare wood surfaces where an intact water-repellent barrier is not present.

### TARGET PESTS:



TERMITES



CARPENTER ANTS



WOOD BORING BEETLES



WOOD DECAY



CREATING A WORLD OF SUSTAINABILITY.

## PENASHIELD®

DISODIUM OCTABORATE  
TETRAHYDRATE READY-TO-USE



100 NISUS DRIVE • ROCKFORD, TN 37853  
800.264.0870 • WWW.NISUSCORP.COM





## ***Kills & Prevents Wood Decay Fungi, Termites, Carpenter Ants and Wood Boring Beetles***

Active Ingredient:

Disodium Octaborate Tetrahydrate ( $\text{Na}_2\text{B}_8\text{O}_{13}\cdot 4\text{H}_2\text{O}$ ) .....	8.5%
Other Ingredients .....	91.5%
Total .....	100.0%

EPA Reg. No. 64405-5

EPA Est. 64405-TN-1

U.S. Patent No. 5,645,828

**Keep Out of Reach of Children  
CAUTION**

### **Notice**

Read and understand the entire label before using. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer and Limitation of Remedies statements found elsewhere on this label. If terms are unacceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer and Limitation of Remedies.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### **Safe Handling Procedures**

Clean spills and over-spray with a damp cloth or absorb with appropriate materials. When applying this product in confined spaces, it is recommended that ventilation or an exhaust system be provided. If this is impractical, the use of a NIOSH-approved respirator designed for protection from organic vapors is recommended.

### **General Information**

PenaShield is applied to wood and is particularly suited for use in situations where odor, chemical sensitivity and environmental contamination are of concern. PenaShield will both eliminate and prevent infestations of wood destroying insects, such as subterranean and drywood termites, wood boring beetles, carpenter ants and decay fungi. It may take several days for the infestation to be eliminated, however, any termites that start to ingest treated wood or that are directly sprayed will die. As a

termiticide, this product is not intended as a substitute for mechanical alteration, soil treatment or foundation treatment; when active infestations exist, get a professional inspection.

Do not expose PenaShield-treated exterior wood to rain or snow for at least 24 hours after treatment. If necessary, cover freshly treated exterior wood with a tarp. When applying PenaShield to exterior surfaces cover nearby plants and grasses with plastic to avoid affecting normal plant growth.

### **Surface Preparation**

Apply only to bare, dry wood. Remove any finishes or water repellents before applying PenaShield. Clean surfaces to be treated to ensure they are free of dirt and other contaminants. If the finished appearance is a primary concern, also remove mold and mildew prior to application of PenaShield. If detergents or cleaners are used to prepare the surface, thoroughly rinse and allow surface to dry prior to application of PenaShield.

### **Maintenance of Treated Surfaces**

Apply PenaShield every 1 to 5 years to exterior unfinished bare wood surfaces. Interior surface treatments of existing wood are considered permanent and do not require reapplication or coating except in situations involving repeated moisture contact or high humidity, such as shower stalls, bathhouses, saunas, etc. Any additional installed wood must be treated. Protection may be extended by coating/painting treated wood with a water-resistant finish such as paint or exterior stain. Although a wide variety of paints and

stains have been successfully used over PenaShield-treated wood, it is always a good idea to coat a small section of treated wood with the finish to be used and check for compatibility prior to complete application. Allow PenaShield-treated wood to completely dry (at least 24 hours) before applying any protective finish and apply protective finish within 2 weeks of treatment.

**Cleanup**

Use soap and water to clean up tools.

**Application Instructions**

Apply PenaShield only to bare wood or to wood surfaces where an intact water-repellent barrier is not present. PenaShield is a ready-to-use product. Either brush-apply directly from the container or apply with a low-pressure garden-type sprayer. Small wooden items may also be treated by dipping. Return unused product to original container and seal tightly. Always clean and/or flush equipment and lines with water after use. When applying more than one coat, wait at least 20 minutes between applications. No immersion or dip soaking necessary.

Treatment	Application Notes
Exterior and interior wood preservation	Apply one coat of this product to all exposed sides of wood at the rate of 1 gallon to 150 to 250 square feet of wood surface area. Actual coverage will vary depending upon the surface texture and porosity of the wood being treated. Apply a second coat to wood thicker than one 1 inch.
Exterior wood treatment to control active infestations	In cases of very active infestation or where there is a risk of structural failure, consult a professional pest control operator to ensure full and proper application. Apply this product to the point of runoff to all infested wood. Always apply 2 coats to all surfaces. In areas where access is limited to 1 or 2 sides of a wood member, apply multiple coats of this product to the exposed surfaces. Treat infested wood by spraying all surfaces and/or injecting this product into beetle holes, termite and carpenter ant galleries and decay pockets. Apply 2 coats to all surfaces. In cases where the infestation is not accessible from the surface, drill small holes into the wood to gain access to insect galleries or infested areas. Inject enough solution to completely flood the infested area.
Interior wood treatment to control active infestations	Treat infested basements and crawl spaces by applying 2 coats of this product to all wood surfaces including sill plates, piers, girders, subfloors, floor joists and any wood exposed to vertical access from the soil. Apply multiple coats of this product to wood where access is limited to 1 or 2 sides of wood members such as sills and plates on foundation walls. Apply at a rate of approximately 1 gallon of this product per 100 square feet of crawl space or basement floor area (approximately 200 sq. ft. of wood surface area). Treat infested studs and headers in wall voids by spraying or misting this product into voids and channels in infested wood and/or through small holes drilled into baseboard areas or adjacent to the wood to be treated. Space holes no more than 16" apart. Drill at least 1 hole between each wall stud when treating base plates. Use sufficient amount of material to cover all areas to the point of runoff. Note: If insulation is present in the wall void, it must be removed prior to treatment. If necessary, first remove dry wall or paneling and then the insulation. Spray studs and headers with this product, allow to dry, then replace insulation and wall. Apply 2 coats to all surfaces. Treat infested attics by spraying all accessible wood surfaces including roof sheathing, ceiling joists, rafters and top plates to the point of runoff. Apply 2 coats to all surfaces. Apply at the rate of 1 gallon of this product per 200 square feet of wood surface area.
Preventative treatment against listed insects for protection of new wood	Treat wood paneling, lumber, plywood and other wood surfaces/structures either as received from the lumberyard, during the construction process, or upon completion of construction. Apply while the wood surface is most accessible. Liberally apply 1 coat of this product to all exposed sides of lumber or plywood. For lumber thicker than 1 inch, apply a second coat after the first has been absorbed. Do not use as a preventative treatment for new construction in Florida.

**Note:** When spraying attics or overhead interior areas, cover all surfaces below the area being sprayed with plastic sheeting to prevent damage to ceiling boards, insulation or other materials. Do not apply in food serving areas while food is exposed.

## Storage and Disposal

Do not contaminate water, food or feed by storage and disposal.

**Pesticide Storage:** Store in a dry place. Do not store where children or animals may gain access. Protect from freezing. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Management:** Non-refillable container; do not reuse or refill this container. Offer for recycling, if available, or reconditioning, if appropriate; otherwise, call your local solid waste agency for disposal instructions. Promptly triple rinse (or equivalent) container after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed or absorbed through the skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

### First Aid

If Swallowed	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
If on Skin or Clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If in Eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact (800) 424-9300 for emergency medical treatment information.

## Environmental Hazards

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate.

## Warranty Disclaimer

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent not prohibited by applicable law, **MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

## Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions, the manner of application or other factors, all of which are beyond the control of the Manufacturer. The buyer/user assumes all such risks.

## Limitation of Remedies

To the extent not prohibited by applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent not prohibited by applicable law: a) Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing; and b) **IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.** The terms of this **Warranty Disclaimer** and **Limitation of Remedies** cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this -Warranty Disclaimer or Limitation of Remedies in any manner.



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## SAFETY DATA SHEET

# PENASHIELD®

## Penetrating Fungicide, Termiticide & Preservative

Health Emergencies: INFOTRAC® (800) 535-5053

### 1. PRODUCT AND COMPANY INFORMATION

**Product Identity:** PenaShield®

**Recommended use of the chemical and restrictions on use:** Termiticide, Insecticide, and Fungicide Concentrate. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

**Manufacturer:** Nisus Corporation  
100 Nisus Drive  
Rockford, TN 37853

**Telephone:** Phone: (800) 264-0870  
Fax: (865) 577-5825

**Emergency Phone:** 800-535-5053 (INFOTRAC)

**SDS Date of Preparation:** 01/12/16

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Physical	Health	Environment
Not Hazardous	Acute Toxicity Oral Category 4 Specific Target Organ Toxicity – Repeat Exposure Category 2 Reproductive Toxicity Category 2	Aquatic Acute Toxicity Category 3

**GHS Label Elements:**



**Statements of Hazard**

H302 Harmful if swallowed.  
H361 Suspected of damaging fertility or the unborn child.  
H373 May cause damage to kidneys by prolonged or repeated exposure by ingestion.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary Statements**

P260 Do not breathe mist or vapors.  
P264 Wash thoroughly after handling.  
P270 Do not eat, drink, or smoke when using this product.  
P273 Avoid release to the environment.  
P301 + P312 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
P330 Rinse mouth.  
P501 Dispose of contents and container in accordance with local and national regulations.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Ethylene Glycol	107-21-1	10-20%
Disodium Octaborate Tetrahydrate	12280-03-4	8.5%
Non-Hazardous Ingredient	Proprietary	60-80%

The exact formulation is being withheld as a trade secret.

### 4. FIRST AID MEASURES

**Eye:** Flush victim's eyes with large quantities of water, while holding the eyelids apart. Get medical attention if irritation develops or persists.

**Skin:** Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before re-use.

**Ingestion:** Do not induce vomiting unless directed to do so by a medical professional. Get immediate medical attention for large ingestions or if symptoms develop or if you feel unwell.

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

**Most important Symptoms:** May cause eye and skin irritation. Inhalation of mists may cause mild mucous membrane and respiratory irritation. Harmful if swallowed. Repeated ingestion may cause kidney damage.

**Indication of immediate medical attention/special treatment:** Immediate medical attention is required for large ingestions.

### 5. FIRE FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use media appropriate for surrounding fire. Cool fire exposed containers and structures with water.

**Specific hazards arising from the chemical:** A solid stream of water or foam directed into hot, burning liquids can cause frothing. Burning may product carbon monoxide, carbon dioxide, and ethylene oxide.

**Special Protective Equipment and Precautions for Fire-Fighting Instructions:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Contain all runoff.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Evacuate spill area and keep unprotected personnel away. Wear appropriate protective clothing as described in Section 8. Avoid releases to the environment.

**Methods and Materials for Containment and Cleaning Up:** Dike and collect liquid or absorb with an inert absorbent and place in appropriate containers for disposal. Prevent spill from entering sewers and watercourses. Report releases as required by local, state and federal authorities.

### 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with the eyes, skin and clothing. Avoid breathing mists or aerosols. Wear protective clothing and equipment as described in Section 8. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Remove contaminated clothing immediately and wash before reuse. Remove PPE immediately after handling. Wash thoroughly after using and change into clean clothing. Keep containers closed when not in use.

Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well-ventilated area away from incompatible materials. Keep out of reach of children. Do not freeze. Protect from physical damage.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Exposure Guidelines:**

Ethylene Glycol	100 mg/m <sup>3</sup> Ceiling ACGIH TLV
Disodium Octaborate Tetrahydrate	2 mg/m <sup>3</sup> TWA ACGIH TLV (Inhalable)
	6 mg/m <sup>3</sup> STEL ACGIH TLV (Inhalable)

**Engineering Controls:** Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.

**Respiratory Protection:** In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges with

approved pesticide prefilter or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to the product label for additional information.

**Skin Protection:** Wear impervious gloves such as butyl rubber, nitrile, neoprene, polyethylene, polyvinyl chloride, or Viton. Follow instructions for Category C on an EPA resistance category selection chart for more options.

**Eye Protection:** Wear safety goggles or glasses where splashing is possible.

**Other:** Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance And Odor:** Clear liquid with no odor.

**Physical State:** Liquid      **Odor Threshold:** Not established

**Vapor Density:** Not determined

**Initial Boiling Point/Range:** >212°F (>100°C)

**Solubility In Water:** 100%      **Vapor Pressure:** Negligible

**Relative Density:** 1.06      **Evaporation Rate:** Not determined

**Melting/Freezing Point:** Not determined

**pH:** 6.8-7

**Percent Volatile:** >89% average as water and other volatiles

**Octanol/Water Coefficient:** Not determined

**Solubility:** Soluble in water

**Decomposition Temperature:** Not determined

**Viscosity:** Not determined

**Flammability (solid, gas):** N/A

**Flashpoint:** Not determined      **Autoignition Temperature:** None

**Flammable Limits: LEL:** Not determined      **UEL:** Not determined

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not normally reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** None known.

**Conditions to Avoid:** None known.

**Incompatible Materials:** Avoid strong oxidizing agents and aluminum.

**Hazardous Decomposition Products:** When heated to decomposition emits carbon monoxide, carbon dioxide, and ethylene oxide.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**Ingestion:** Harmful if swallowed. Repeated or high levels of ingestion may cause potentially fatal kidney damage.

**Inhalation:** Inhalation of mists may cause irritation of the nose, throat and upper respiratory tract.

**Eye:** May cause slight irritation with redness, pain and tearing. Product was not irritating in a study with rabbits.

**Skin:** May cause irritation on prolonged or repeated contact. Product was not irritating in a study with rabbits. Negative in a guinea pig sensitization study.

**Chronic:** Ethylene glycol causes kidney damage through repeated ingestion.

**Sensitization:** This material is not known to cause sensitization.

**Carcinogenicity:** None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

**Germ Cell Mutagenicity:** No data available

**Reproductive Toxicity:** Ethylene glycol has been found to cause birth defects in laboratory animals. The significance of this finding to humans has not been determined.

### Numerical Measures of Toxicity:

#### Product Toxicity Data:

Oral rat LD<sub>50</sub>: >5000 mg/kg; Dermal rabbit LC<sub>50</sub>: >5050 mg/kg;  
Inhalation rat LC<sub>50</sub>: >5.06 mg/L (no mortality was observed in any test)

#### Component Toxicity Data:

Ethylene Glycol: Oral rat LD<sub>50</sub>: 4700 mg/kg; Dermal rabbit LC<sub>50</sub>: 9530 mg/kg  
Disodium Octaborate Tetrahydrate: Oral rat LD<sub>50</sub>: 3500-4100 mg/kg;  
Dermal rabbit LD<sub>50</sub>: >2000 mg/kg; Inhalation rat LC<sub>50</sub>: >2.0 mg/L

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity:

Ethylene Glycol: LC<sub>50</sub> Fathead Minnow: <10,000 mg/L/96 hr.; EC<sub>50</sub>

*Daphnia Magna*: 100,000 mg/L/48 hr; Bacterial (*Pseudomonas putida*): 10,000 mg/l; Protozoa (*Entosiphon sulcatum* and *Uronema parduczi*; Chatton-Lwoff): >10,000 mg/l; Algae (*Microcystis aeruginosa*): 2,000 mg/l; Green Algae (*Scenedesmus quadricauda*): >10,000 mg/l  
Disodium Octaborate Tetrahydrate: EC<sub>10</sub> Green Algae: 24 mg B/L/96 hr; LC<sub>50</sub> *Daphnia Magna*: 133 mg B/L/48 hr; NOEC-LOEC *Daphnia Magna*: 6-13 mg B/L/21-day; LC<sub>50</sub> *Limanda limanda*: 74 mg B/L/96 hr; LC<sub>50</sub> Rainbow Trout: 150 mg B/L/24-day, 100 mg B/L/32-day; LC<sub>50</sub> Goldfish: 46 mg B/L/7-day, 178 mg B/L/3-day

This product is classified as harmful to the aquatic environment. Releases to the environment should be avoided.

**Persistence and Degradability:** Ethylene glycol is readily biodegradable (97-100% in 2-12 days). Boron is naturally occurring and ubiquitous in the environment. Disodium Octaborate Tetrahydrate degrades to boron.

**Bioaccumulative Potential:** Ethylene glycol: A BF of 10 reported for ethylene glycol in fish, Golden ide (*Leuciscus idus melanotus*), after 3 days of exposure suggests the potential for bio concentration in aquatic organisms is low. Disodium Octaborate Tetrahydrate: Log K<sub>ow</sub>: -0.7570 at 25°C.

**Mobility in Soil:** Disodium Octaborate Tetrahydrate is soluble in water and is leachable through normal soil.

**Other Adverse Effects:** Some plants are sensitive to boron. Avoid releases into the environment. This product is designed to be used for certain types of wood destroying insects. Use product only as directed on the label. Avoid all unintended releases and releases to ground water. Do not apply to water or to intertidal areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. See product label for full instructions and restrictions on use.

## 13. DISPOSAL CONSIDERATION

Dispose in accordance with local, state and federal environmental regulations. Do not contaminate water when disposing of washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, ocean, or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA.

## 14. TRANSPORTATION INFORMATION

**DOT Hazardous Materials Description:** Not Regulated

## 15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

### FIFRA Labeling:

**PenaShield**  
**EPA Reg. No. 64405-5**  
**Keep Out of Reach of Children**  
**CAUTION**

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans & Domestic Animals**

### PRECAUTIONARY STATEMENTS

Wear long sleeved shirt & long pants, socks, shoes and chemical resistant gloves (such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, Neoprene Rubber, Polyvinyl Chloride (PVC), Viton or others listed in Category C on an EPA chemical resistance category selection chart).

**CERCLA:** This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

**SARA Hazard Category (311/312):** Acute Health, Chronic Health

**SARA 313:** This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

Ethylene Glycol 107-21-1 10-20%

**EPA TSCA Inventory:** This product is regulated under FIFRA, thus exempt.

#### 16. OTHER INFORMATION

**NFPA Rating:**

Health = 2 Flammability = 1 Instability = 0

**HMIS Rating:**

Health = 2 Flammability = 1 Physical Hazard = 0

**SDS Revision History:** 11/01/03: New SDS  
01/12/16: Revised

#### WARRANTY DISCLAIMER

The information, data and recommendations contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof. With respect to this publication and the product related thereto, unless otherwise expressly provided by Manufacturer in writing, **MANUFACTURER MAKES NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

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2. Replacement of amount of product used.

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