

PMRA Approved Label  
2022-4980  
2023-12-14

## Kop-Coat, Inc.

### NP-1® SAPSTAIN CONTROL CHEMICAL

READ THE LABEL BEFORE USING  
COMMERCIAL  
Emulsifiable Concentrate

Aids in the control of blue stain, mould and decay of freshly cut lumber when properly used. Effective on softwoods including Douglas fir, White fir, Spruce, Hemlock, Pines (including Southern and Western Yellow and Eastern and Western White species), as well as many hardwoods.

KEEP OUT OF REACH OF CHILDREN

DANGER

POISON



CORROSIVE TO EYES AND SKIN



POTENTIAL SKIN SENSITIZER

**ACTIVE INGREDIENTS:** Didecyl Dimethyl Ammonium Chloride .....64.80%  
3-Iodo-2-Propynyl Butyl Carbamate.....7.60%

REGISTRATION NO. 21753  
PEST CONTROL PRODUCTS ACT

Kop-Coat, Inc.  
Protection Products Division  
3040 William Pitt Way  
Pittsburgh, PA 15238  
412-227-2700

5137 Southwest Avenue  
St. Louis, MO 63110  
314-772-2200

NET CONTENTS

Litres

**For additional product information, call 1-800-548-0489.**

**FOR INDUSTRIAL USE ONLY  
DIRECTIONS FOR USE**

**Use Limitations:**

1. Treated wood is not to be used for construction of food handling containers, food storage facilities or food growing buildings (e.g. mushroom houses).
2. Do not use in drive-through dip tanks.
3. This product can only be applied by spraybox application technology (i.e. linear, transverse or car wash spray boxes) or diptank application technology.

**DILUTE BEFORE USING**

For the best results lumber should be treated immediately after it is sawn. A delay in treatment of 24 hours or more permits the start of stain, mould and decay growth which subsequently requires a stronger treatment to achieve control of surface growth. Delayed application and log borne infection can result in internal stain often under a bright surface. Freshly dipped or sprayed lumber should be protected from rain washing. Dip tanks and drip aprons must be roofed, paved and drained to prevent dilution and loss of the antistain solution. Antistain treatment concentrations must be geared to achieve protection of the thickest or most valuable item being treated. The concentration of the ready-to-use anti-stain solution must be adjusted to accommodate seasonal changes in the exposure and species being treated. Dip tanks and spray equipment must be properly maintained. Spray boxes must be equipped with mechanical means of preventing the escape of droplets or entrained aerosols.

**MIXING INSTRUCTIONS**

Mix this concentrate with water, as per dilution rates below, to protect lumber against sapstaining organisms during protracted periods of storage and transit. Dilution rates will be influenced by seasonal conditions, exposure during storage and transit, treating methods and wood species. The operational target deposition level of NP-1® Sapstain Control Chemical on the surface of treated lumber is 80-100 micrograms/cm<sup>2</sup> of active ingredients. This should be verified periodically using available analytical quality control techniques. (Contact Kop-Coat, Inc. for further information).

**Dilution rates when NP-1® Sapstain Control Chemical is used alone:**

For spray applications, mix one litre of this concentrate per 15-100 litres of water.

For dip applications, mix one litre of this concentrate per 50-100 litres of water.

**Tank Mixture:**

NP-1® Sapstain Control Chemical can be tank mixed with Woodtreat P-229 in a 3:1 ratio of NP-1:P-229. Read the label and follow directions on NP-1® Sapstain Control Chemical and Woodtreat P-229 labels for appropriate rates and precautions.

**Tank mixture dilution rates:**

**For dip and spray applications:**

Woodtreat P229: 0.33 - 1.67 litres in 1000 litres water NP-1: 1 to 5 litres in 1000 litres of water. The effective target deposition rate of tank mix of NP-1® Sapstain Control Chemical and Woodtreat® P-229 on the surface of the treated lumber is 27 micrograms/cm<sup>2</sup> of active ingredients. This should be verified periodically using available analytical quality control techniques. (Contact Kop-Coat, Inc. for further information). Lumber and logs should be totally immersed or sprayed so as to ensure that all surfaces are treated. Put about 1/3 of the water to be used in the mixing tank. Add the correct amount of this product and then rinse the container into the tank. Add the balance of water needed and mix thoroughly. In a dipping process, the agitation

resulting from the movement of the wood will be sufficient to ensure a good mix. On standing unused for a period, mix thoroughly before use. When using proportioning pumps for mixing, this product should be maintained at temperatures above 10 degrees C to prevent inaccurate mixing due to viscosity changes. Minor proportioning rate changes can be affected by changing the setting of the pump dial.

**NOTE:** With normal dip or spray application long term control of decay cannot be achieved. This product is designed to provide blue stain, mould and decay control during storage and in transit.

#### **DISPOSAL:**

For Recyclable containers:

**DO NOT** reuse this container for any other purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple or pressure-rinse the empty container. Dispose of the rinsings in accordance with provincial/territorial requirements.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial/territorial requirements.

For information on disposal of unused, unwanted product, or in the case of a spill or spill clean-up, contact the manufacturer and the provincial/territorial regulatory agency.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

#### **PRECAUTIONS**

##### **KEEP OUT OF REACH OF CHILDREN**

Fatal if swallowed. May be fatal if inhaled. Do not breathe in sprays or dusts. Harmful if absorbed through the skin. Corrosive to eyes and skin, **DO NOT** get on eyes, skin or clothing. Potential skin sensitizer.

- Wear chemical-resistant coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, goggles or face shield, socks and chemical-resistant footwear when handling the concentrate or during mixing/loading, clean-up, maintenance and repair activities.
- Use a NIOSH-respirator if the area is not well ventilated or if airborne exposure levels are above the occupational exposure limit(s), as determined by air sampling.
- Use a NIOSH-respirator during clean-up, maintenance and repair activities when working in/on application equipment or if airborne material (e.g. dust, mist/spray) may be generated when working in the treatment area.
- When piling freshly treated lumber, handling treated lumber that has not fully dried, or if there is a potential for getting wet by the treating solution during other activities in the sawmill, wear chemical-resistant coveralls or chemical-resistant apron over long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear.
- When working in the dip or spray area, wear long-sleeved shirt, long pants, chemical-resistant gloves, socks and boots. Wear goggles or face shield if there is a possibility of splashing.
- Wash hands and face before eating, drinking, smoking and using the toilet. Change clothes daily. Wash contaminated clothing separately from household laundry. Not for use or storage in or around the home. Clean contaminated equipment thoroughly prior to making welding repairs.
- When tank-mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

- Once dry, the treated wood can be handled with cotton or leather gloves.

#### **FIRST AID**

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

**IF IN 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. Call a poison control centre or doctor for treatment advice.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptomatically. This product contains a petroleum distillate.

**PHYSICAL OR CHEMICAL HAZARDS: COMBUSTIBLE.** Do NOT use, pour, spill or store near heat or open flame.

**IN CASE OF FIRE:** Use dry chemicals, foam, water fog or CO<sub>2</sub>. Cool closed containers with water.

**EMERGENCY CONTACT INFORMATION:** For medical emergencies, dial 911. For help in a transportation emergency call Chemtrec 24/7: 800-424-9300 (US). Outside US: +1-703-527-3887.

#### **ENVIRONMENTAL PRECAUTIONS:**

**TOXIC** to aquatic organisms.

#### **DIRECTIONS FOR USE:**

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

This registration is granted under the *Pest Control Products Act* and does not exempt the user from any other legislative requirements.

Use of this product and management of any resulting discharge or release of any effluents or runoff containing this product must also be in accordance with the *Fisheries Act* and with any other applicable federal, provincial or territorial legislation.

Consult with federal, provincial and territorial regulatory authorities where the pesticide application is to occur on any authorizations or other requirements for use of this product and management of any resulting discharge or release of any effluents or runoff containing this product.

Dip tanks and drip aprons must be roofed, paved and drained to prevent dilution and loss of treatment solution.

Store treated lumber on a roofed drip pan until dripping has ceased. Slope lumber on the drip pad to expedite drainage and to ensure that no puddles remain on the surface of the wood. Manage drippage and other

related wastes to prevent release in the environment.

DO NOT expose treated lumber to rains immediately after treatment.

For further information on storage, handling, and disposal of treated wood, contact the manufacturer of this product or the provincial/territorial regulatory agency.