

NP-1® STAR™ Sapstain Control Chemical

U.S. Patent No. 4,950,685
Canadian Patent No. 1,272,558
and Patents in Other Countries

FOR INDUSTRIAL USE ONLY

GENERAL:

NP-1® STAR™ is a concentrated antisapstain and broad spectrum wood preservative treatment chemical containing a combination of two highly effective wood preservatives that work synergistically. Once diluted with water, NP-1® STAR™ is applied by dip methods to freshly-sawn lumber to provide long lasting protection against sapstain, mold, mildew, decay and bacteria during storage and transit.

PRODUCT DESCRIPTION:

Concentrate: Clear, amber colored, freely pourable liquid with a mild detergent odor.

Diluted: Milky-white clear solution with a mild detergent odor.

MIXING INSTRUCTIONS:

Mix one gallon of this concentrate per 25 to 300 gallons of water. Triple rinse any empty drums and add rinsate to the partially filled mixing tank; add the balance of water needed. Dilution rates will be influenced by seasonal conditions, exposure during storage and transit, treating methods and wood species.

ADDITIVES:

NP-1® STAR™ is compatible with Timbertreat® 15WT Insecticide Wood Treatment Concentrate, Iron Stain Control Additive™ 250, Iron FixT-250™, IronFixT™-700 WRS-2™, Water Repellent Concentrate, and Antifoam Additive for NP-1® STAR™.

USE:

NP-1® STAR™ is intended for use on lumber, logs and other commercial wood products requiring protection against sapstain. It has proven to be effective on a wide variety of hardwood and softwood species and is effective on dry or green wood.

APPLICATION:

Lumber should be totally immersed or sprayed to insure all surfaces are treated. In spray applications, adequate spray coverage is critical because less solution is applied to the wood by spraying than by dipping.

Delayed applications of NP-1® STAR™ solutions may permit interior stain. Lumber should be treated within 24 hours after cutting.

PACKAGING:

- Totes
- Drums
- Pails

REGISTRATIONS:

EPA Registration No. : 60061-27
EPA Establishment No.: 60061-MO-1
Applicable State Registrations

ACTIVE INGREDIENTS:

Didecyl Dimethyl
Ammonium Chloride.....64.80%
3-Iodo-2-Propynyl
Butyl Carbamate.....7.60%
Inert Ingredients.....27.60%
TOTAL.....100.00%

PRODUCT DATA

KOP-COAT, INC.

Industrial Wood Protection Products

FOR MORE INFORMATION, CONTACT KOP-COAT:

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PHYSICAL PROPERTIES:

Concentrate:

Volatiles by volume 25%
Specific Gravity..... 0.93 @ 68°F
Vapor Density Heavier than air
Freezing Point..... < -4°F/-20°C
Vapor Pressure @ 20°C (Water = 1.0)
..... Approx. 1.0
Evaporation Rate Slower than ether
Solubility in Water Completely
Appearance and Odor
Amber colored liquid,
mild detergent odor
Flash Point
104°F/40°C (Tag Closed Cap)

Diluted:

Volatiles by volume 75-99%
Specific Gravity..... Similar to Water
Vapor Density Heavier than air
Freezing Point..... < 32°F/0°C
Vapor Pressure @ 20°C (Water = 1.0)
..... Approx. 1.0
Solubility in Water Miscible
Appearance and Odor.....
Off-white liquid with
mild detergent odor.
Flash Point..... >7200°F

OTHER:

For information on acute and chronic toxicological data, environmental fate and biodegradation, please refer to the product label, the NP-1® STAR™ Code of Recommended Practices and NP-1® STAR™ Material Safety Data Sheet.

KOP-COAT, INC.
Protection Products Division
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