

Lumber Brightener Concentrate (Patent Pending)

Product Data Sheet

Concentrate must be mixed completely before dispensing
 Dilute with Sapstain & Mold Control working solutions
 Mix with fully diluted Sapstain & Mold Control Products
FOR INDUSTRIAL USE ONLY

solutions for bright lumber®

PRODUCT USE

The Enact® product is a unique combination of adjuvants, brighteners and iron control agents that work synergistically with Kop-Coat's sapstain and mold control products for the protection and brightening of freshly cut (green) wood products such as lumber. When Enact® is tank blended with dilute working solutions of the approved sapstain and mold control product, it forms a patent pending New Technology system that can achieve the following performance:

1. Reduces enzymatic brown & gray stains
2. Prolongs lumber brightness for up to 2 years
3. Reduces iron stains
4. Reduces log storage extractive stains
5. Reduces lumber protection costs
6. Promotes sapstain and mold control product performance

The tank blended system of Enact® with the approved sapstain and mold control product must be controlled using accurate mixing and testing of both the Enact® and the approved sapstain and mold control product with the separate field test kits for each product.

For best performance, treatment equipment must be made of stainless steel or fully coated with specialty industrial, heavy duty, chemical and corrosion resistant coatings. The corrosion of uncoated mild carbon steel and black iron releases iron into treating solutions that can limit performance.

The tank blend system performance can be further enhanced by the use of Kop-Coat's unique Iron Control Magnet filter.

Contact your local Kop-Coat specialist to help you to determine the best products and programs to meet your performance requirements. Refer to the approved Sapstain and Mold Control Product Data Sheet for information about the following important components of any lumber protection program

1. Log and lumber management
2. Prevention of fungal pre-infection
3. Use of approved additives
4. Lumber storage inventory & transportation

PERFORMANCE COMPOSITION

This concentrate contains a proprietary mixture of the following ingredients:

1. Enzymatic stain control brighteners
2. Extractive stain control brighteners
3. Iron stain control brighteners
4. Lumber protection adjuvants
5. Weathering & graying stain control brighteners

CONCENTRATE PHYSICAL PROPERTIES

Weight per Gallon:.....10.35 lbs/gal
 Flash Point:.....>200 °F
 pH (10%):.....1.0
 VOC*:.....<0.1 lbs/gal
 Freeze/Thaw Stable:.....Yes
 Minimum Storage Temperature:.....40 °F
 Max Storage Temperature:.....100 °F

Physical properties of dilute solutions will vary based on additives and other components in end-use mixtures.

*Check with local authorities on VOC designations.

MIXING INSTRUCTIONS

Carefully read the product label and MSDS before using and follow all written Environmental, Health, Safety and use instructions.

Thoroughly and completely mix the Enact® Concentrate after opening its container and before dispensing.

Fully dilute and completely mix the Enact® Concentrate with ready-to-use, diluted, end use, working solutions of the approved sapstain and mold control product to the desired end use concentration before using.

Add and completely mix approved additives with only fully diluted Enact® solutions to avoid performance failures. Continuously mix the diluted working solution at all times.

Contact your local Kop-Coat specialist to select approved sapstain and mold control products and additives. Carefully read sapstain and mold control product and additive product labels and MSDS before using and follow all written Environmental, Health, Safety and use instructions.

Contact your local Kop-Coat specialist to help you to conduct tests to determine optimal concentration of Enact®, sapstain and mold control products and additives for your performance requirements. Dilution rates will depend on seasonal conditions, exposure during seasoning and storage and transit, treating methods, wood species, wood condition and performance requirements.

APPLICATION

Fully immerse wood products and ensure that all surfaces are covered and treated with dilute Enact® and approved sapstain and mold control product solutions. Stains can begin and spread in any unprotected, uncovered area of wood surface. Treating solution dilution rates must be monitored for optimal performance.

ACCEPTANCE

This product is not a pesticide. This product is a brightener and adjuvant that should only be used in combination with Kop-Coat's EPA registered protectants, including Bazooka®, Workhorse® and Moldshield™.

Contact your local Kop-Coat specialist to determine which other lumber protectants and additives can be used in combination with this concentrate.

QUALITY CONTROL & QUALITY ASSURANCE

A field test kit is available to monitor the concentration of Enact® in both freshly mixed solutions and working treatment solutions. Contact your local Kop-Coat service specialist for test kits and other quality control and quality assurance services.

*Enact®, Bazooka®, Workhorse® and Moldshield™ are trademarks of Kop-Coat, Inc. Enact®, Bazooka®, Workhorse® and Moldshield™ are Kop-Coat patented and patent pending.



STORAGE & DISPOSAL

Store and dispose of the product in accordance with all Federal, State and local laws and regulations. Never apply pressure to an empty container.

ENVIRONMENTAL, HEALTH & SAFETY

Please refer to the product's label and Material Safety Data Sheet for this information.

**For medical emergencies,
 contact 1-800-548-0489**

PACKAGING

Bulk 3,000 to 30,000 gallons
 Totes 275 gallons (Poly IBC)
 Drums 55 gallons (Plastic)
 Pails 5 gallons (Plastic)

For more information contact:

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