

2021-6391  
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Group	<b>3</b>	Fungicide
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# 22 Express™

FOR CONTROL OF SAPSTAIN AND MOLD IN FRESHLY CUT LUMBER AND TIMBER  
IN TRANSIT AND STORAGE

Fungicide  
Liquid

Commercial

ACTIVE INGREDIENTS:  
Propiconazole ..... 1.47%  
Tebuconazole ..... 0.73%  
**Warning, contains the allergen sulfites.**

REGISTRATION NO.      PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

READ LABEL BEFORE USING



POISON

DANGER



CORROSIVE

DANGER: CORROSIVE TO EYES AND SKIN  
POTENTIAL SKIN SENSITIZER

IN CASE OF EMERGENCY, CALL CHEMTREC TOLL FREE AT 1-800-424-9300.

Net Contents: 1 – 1050 Litres

ISK Biocides, Inc.

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Memphis, TN 38109 USA  
901-344-5350

<sup>TM</sup> The trademark 22 Express is a trademark of IBC Manufacturing Company, used under license by ISK Biocides, Inc.

## **PRECAUTIONS**

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

Corrosive to the eye and skin. May be fatal if inhaled. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Do not get in eyes, on skin, or on clothing. Do not breathe vapour, or spray mist.

### **Personal Protective Equipment:**

- Wear an impermeable apron over long-sleeved shirt and long pants, chemical-resistant gauntlets, full face protection, 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 a chemical-resistant apron over long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear.
- When working in the flow, dip or spray area, wear long-sleeved shirt, long pants, chemical-resistant gloves, socks and boots. Wear full face protection if there is a possibility of splashing.
- Once dry, the treated wood can be handled with cotton or leather gloves.
- 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.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### **User Safety Recommendations:**

- Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- User must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## **FIRST AID**

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**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.

**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.

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

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically. Probable mucosal damage may contraindicate the use of gastric lavage.

## **ENVIRONMENTAL PRECAUTIONS**

TOXIC to aquatic organisms.

## **STORAGE:**

Store this product away from food or feed.

## **DISPOSAL**

For Recyclable container:

DO NOT reuse this container for any 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, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial regulatory agency in case of a spill, and for clean-up of spills.

## **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.

## **DIRECTIONS FOR USE**

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

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

**DO NOT** use on wood or wood products that may result in prolonged human contact such as decks, railings, etc.

22 Express fungicide is a non-alkaline water-soluble formulation containing Propiconazole and Tebuconazole as a dual active system which mixes readily with water. 22 Express is supplied as a concentrate for dilution with water to be applied to wood products by dip, spray or flow coat at the target deposition rate of 2.7 to 10.2  $\mu\text{g}$  of propiconazole per  $\text{cm}^2$  and 1.4 to 5.1  $\mu\text{g}$  of tebuconazole per  $\text{cm}^2$ .

Freshly cut wood should be treated as soon as possible, but not more than 48 hours after cutting. Otherwise, fungal attack may extend below the surface of the wood, beyond the reach of a surface fungicide treatment. Remove sawdust and other debris from application apparatus daily to maintain solution effectiveness. Clean dip vat annually and make sure all surfaces are epoxy coated or constructed from corrosion resistant materials to prevent corrosion. For best results freshly treated lumber should be protected from rain for two hours after treatment.

For mild to moderate disease conditions for lumber that is 5.1 cm (2 inches) or less in thickness, one litre of 22 Express should be combined with 150 litres of water to provide fungus control when applied to rough cut wood, provided drying, storage, and shipment are carried out in accordance with optimum industry standards. Smooth-surfaced lumber normally retains only one-half as much fungicide solution as a rough-cut wood and hence needs a concentration of double strength or one litre of 22 Express diluted with 75 litres of water to deposit the necessary amount of fungicide on the wood.

Stronger solutions are needed for thicker than 5.1 cm (2 inch) lumber and for prolonged exposure to wet conditions. These solutions will be in the range of one litre of 22 Express diluted with 40 to 100 litres of water.

Test for penetration of solution into the pack and adjust band tightness as needed. If banded too tightly, the dip solution will not penetrate into the center of the pack. Strive to get good penetration in one to two minutes of dip time. It is also helpful, when possible, to dip bundles at a slight angle to assist in displacement of air pockets and allow better penetration of the packs with the treating solution.

The rate of uptake per pack of lumber will vary based on the dimensions of the lumber to be treated. Thin boards (2.5 - 5.1 cm or 1 - 2 inches) will take up more solution and fungicide per pack than large dimension (10.2 - 15.2 cm or 4 - 6 inches) lumber.

Check tank concentration and water levels often when dipping 5.1 cm (2 inches) or less thick lumber. The smaller the dimensions - the greater the uptake of the solution.

Wood products for use in the particle board production process may be protected from sapstain and mold by the same treating processes recommended for freshly cut lumber and timber.

Generally spray treatments require a higher concentration than dip treatments and will vary greatly depending on the type of spray or flow coat system being used. Rates can vary from one litre of 22 Express in 20 litres of water up to one litre of 22 Express to 100 litres of water.

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

Store treated wood on a roofed drip pad until dripping has ceased. Slope wood 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 wood 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.

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 and 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.